

Isolation of Non-Cytopathic (NCP) VSV Mutants

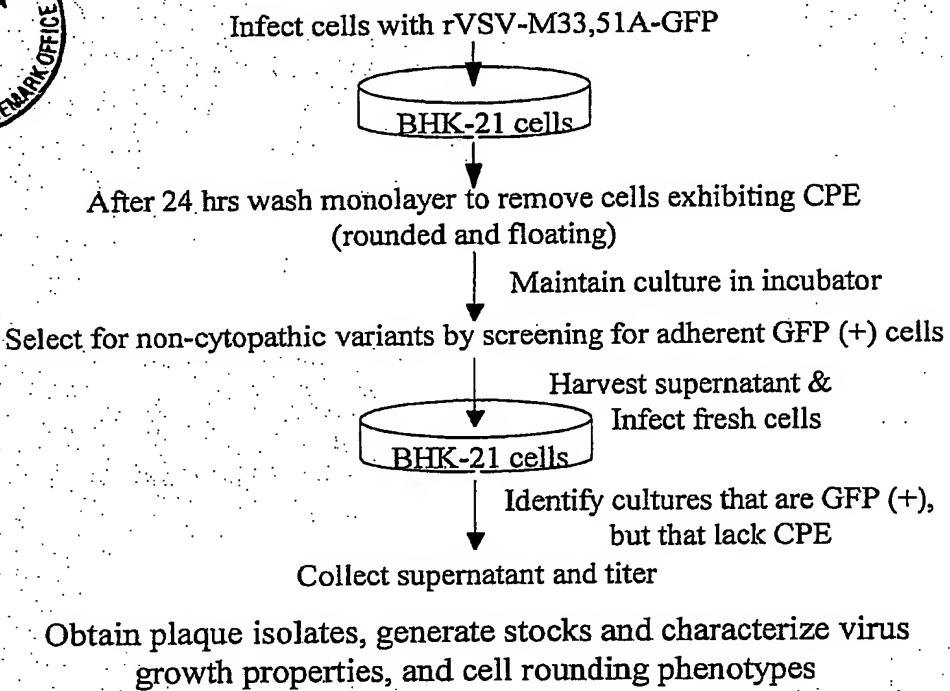


FIGURE 1

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Cell Rounding Phenotypes of M Protein Mutants of VSV

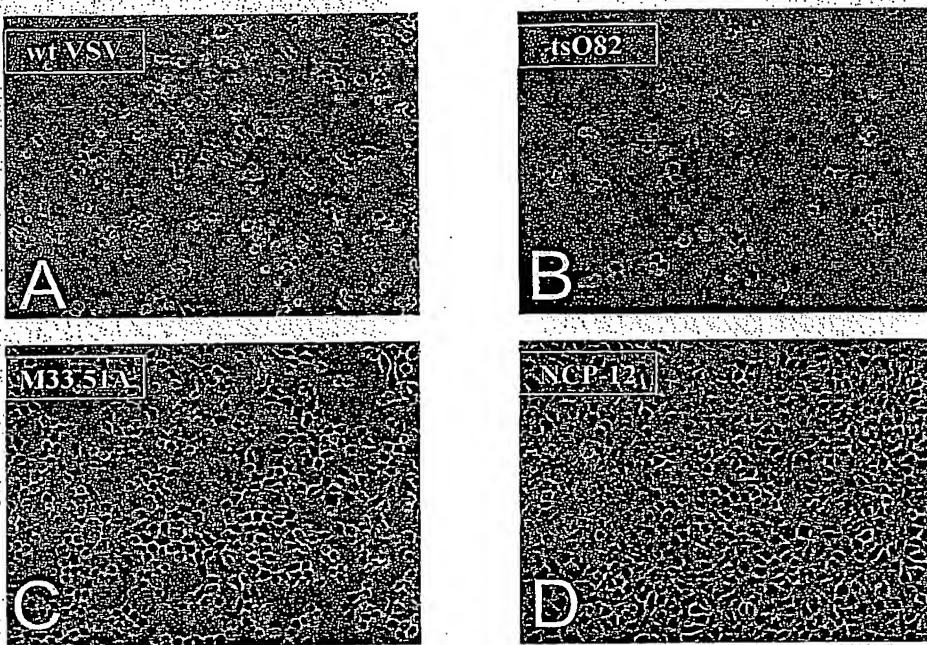


FIGURE 2

Isolation and Sequencing of NCP-M Protein Mutant cDNAs

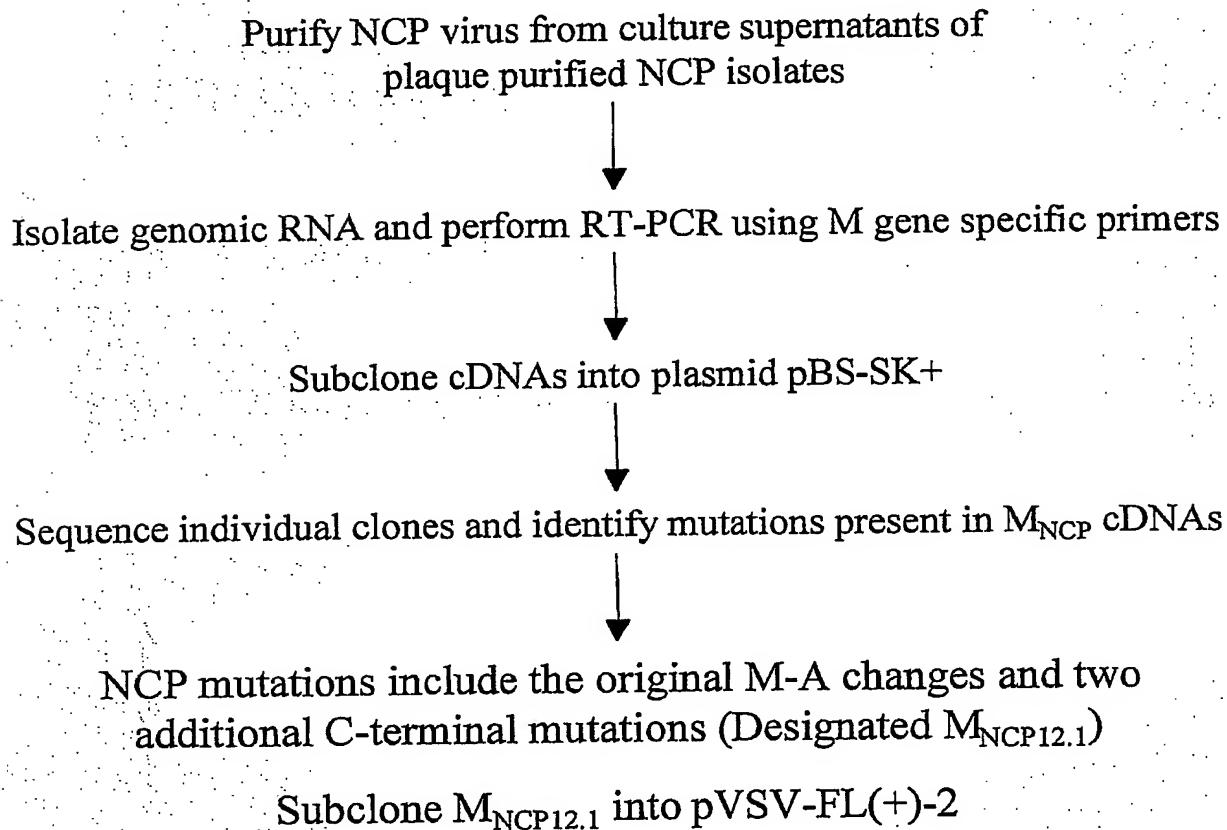
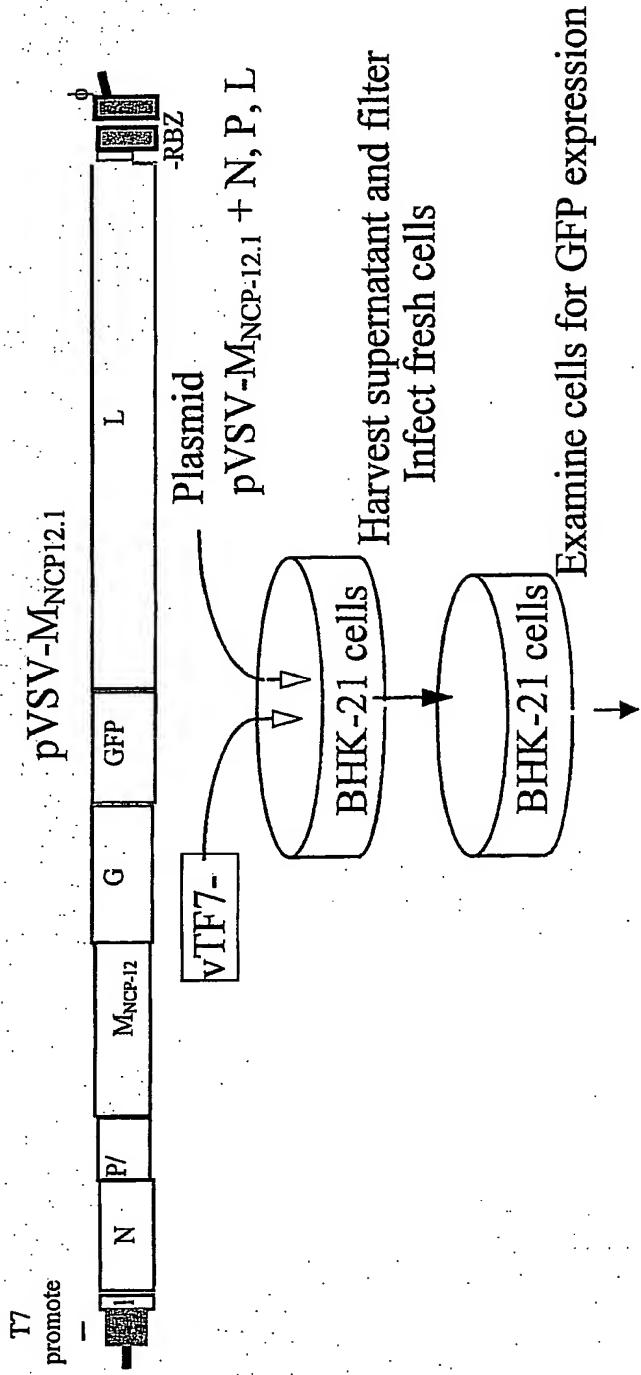


FIGURE 3

Recovery of rVSV-M_NC_P12.1



Collect supernatant and titer

Obtain plaque isolates, generate stocks and characterize growth properties, and cell rounding

Figure 4

rVSV/NCP-12.1 is Defective in Cell Rounding

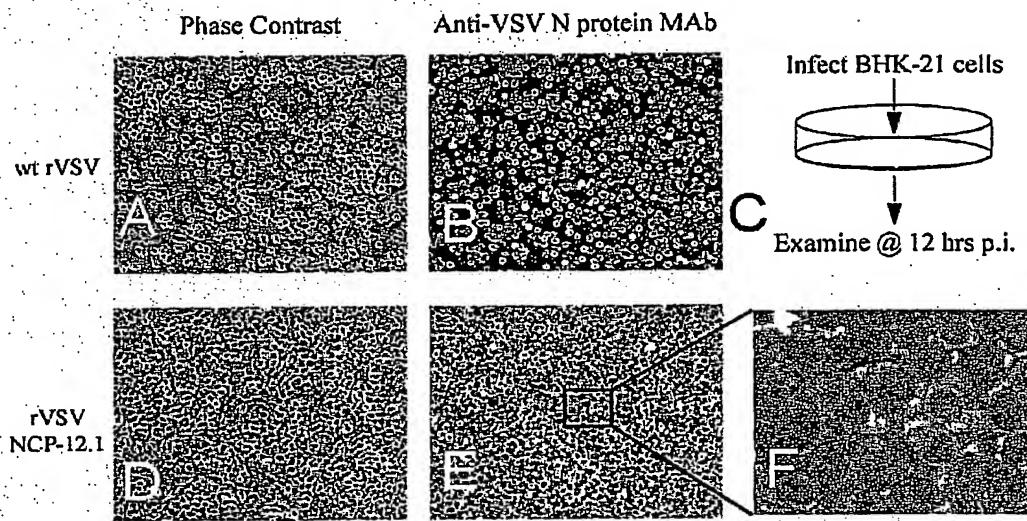


Figure 5

Transient Expression of M_{NCP-12.1}

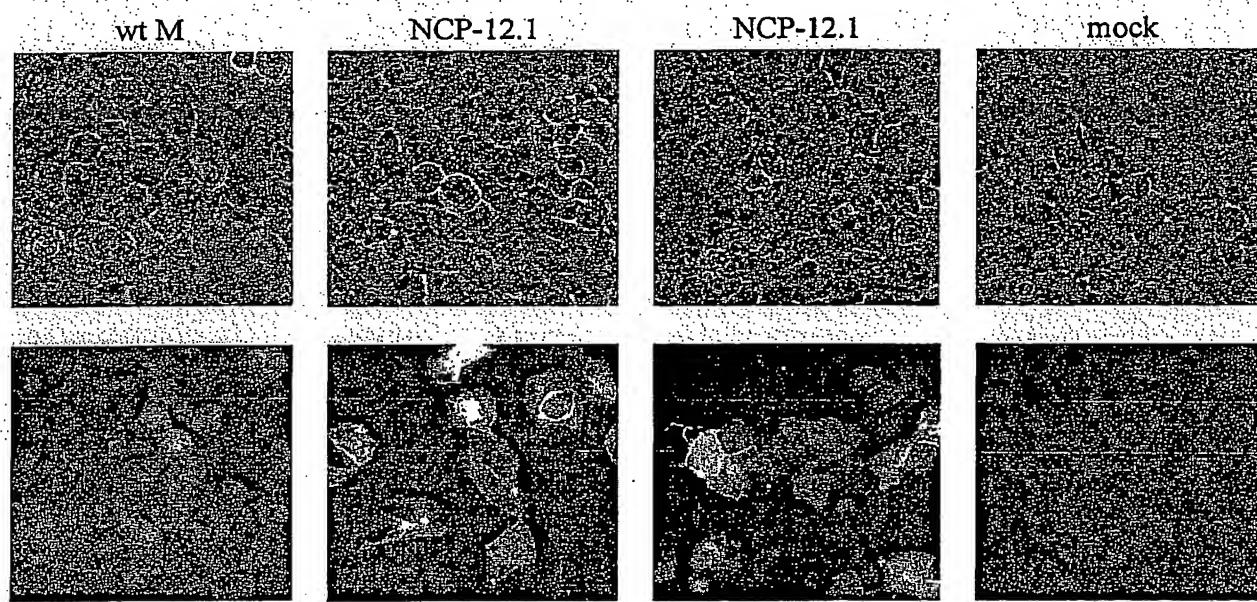


FIGURE 6

rVSV/M_{NCP}-12.1 Infection of Different Cell Types

BHK @ 24 hr CV-1 @ 24 hr HeLa @ 12

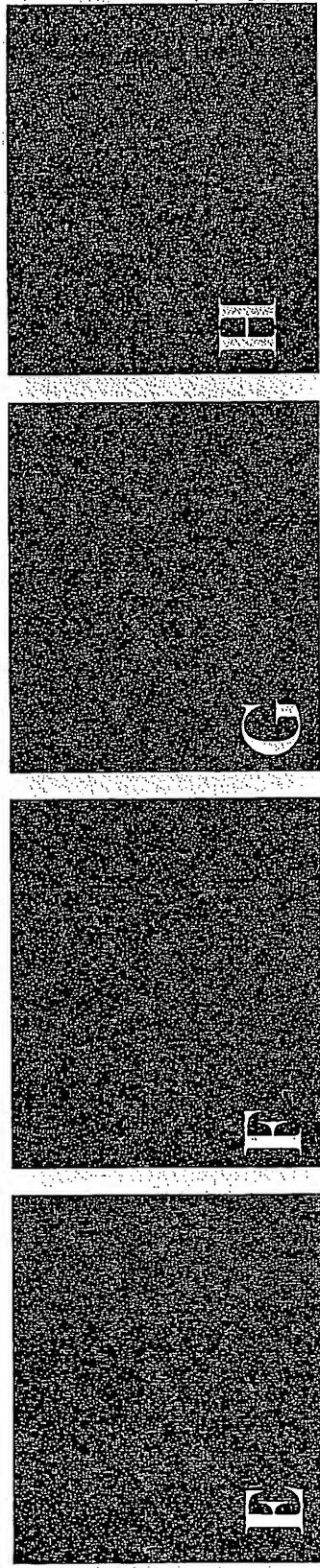
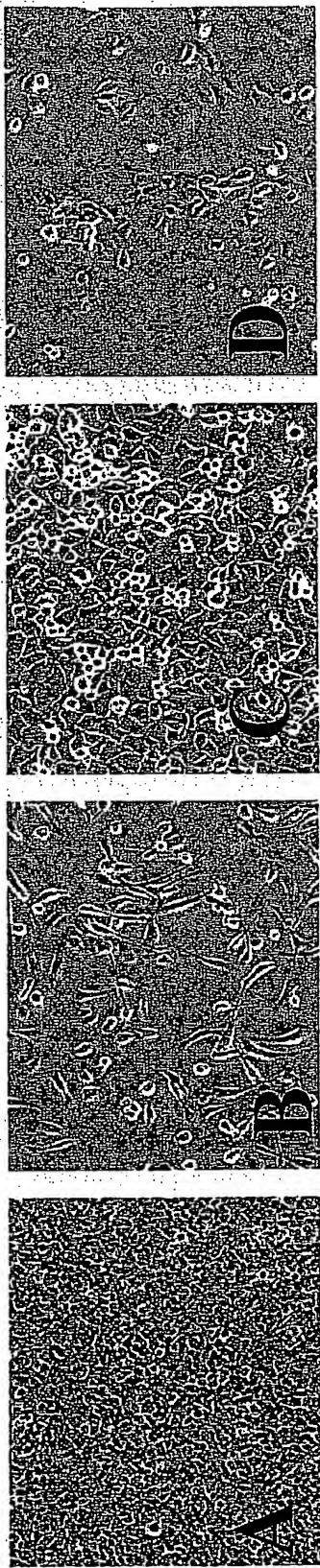


Figure 7

Use of M_{NCP-12.1} to Recover ΔM-VSV

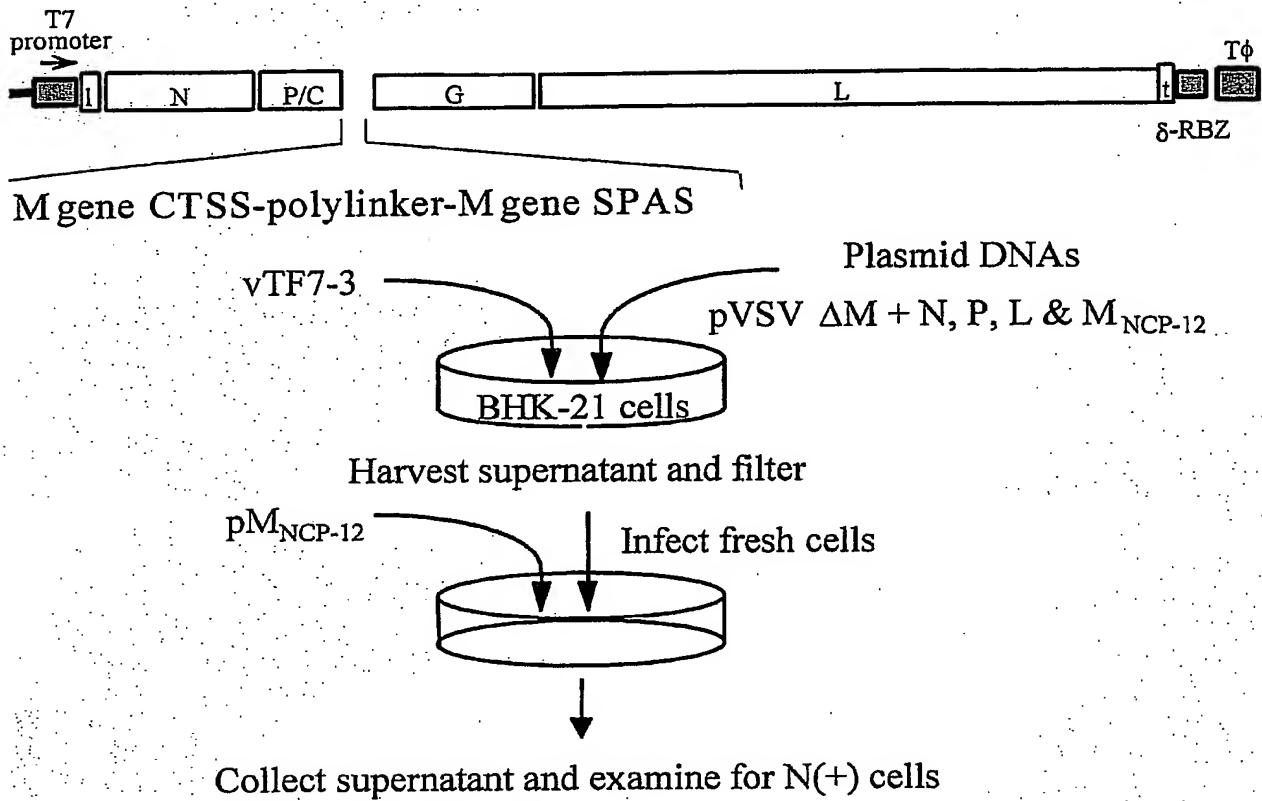


Figure 8

Recovery of rVSV-ΔM

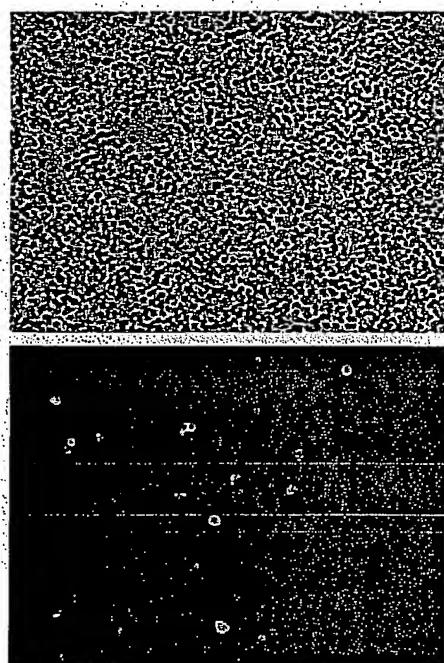
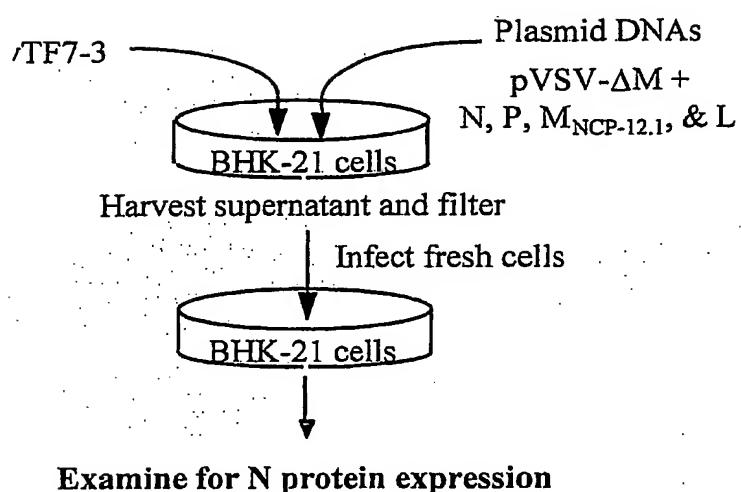


FIGURE 9

Sample #176, 3 Days Post-infection

Infection of Islet Prep #176 at day 3 post infection

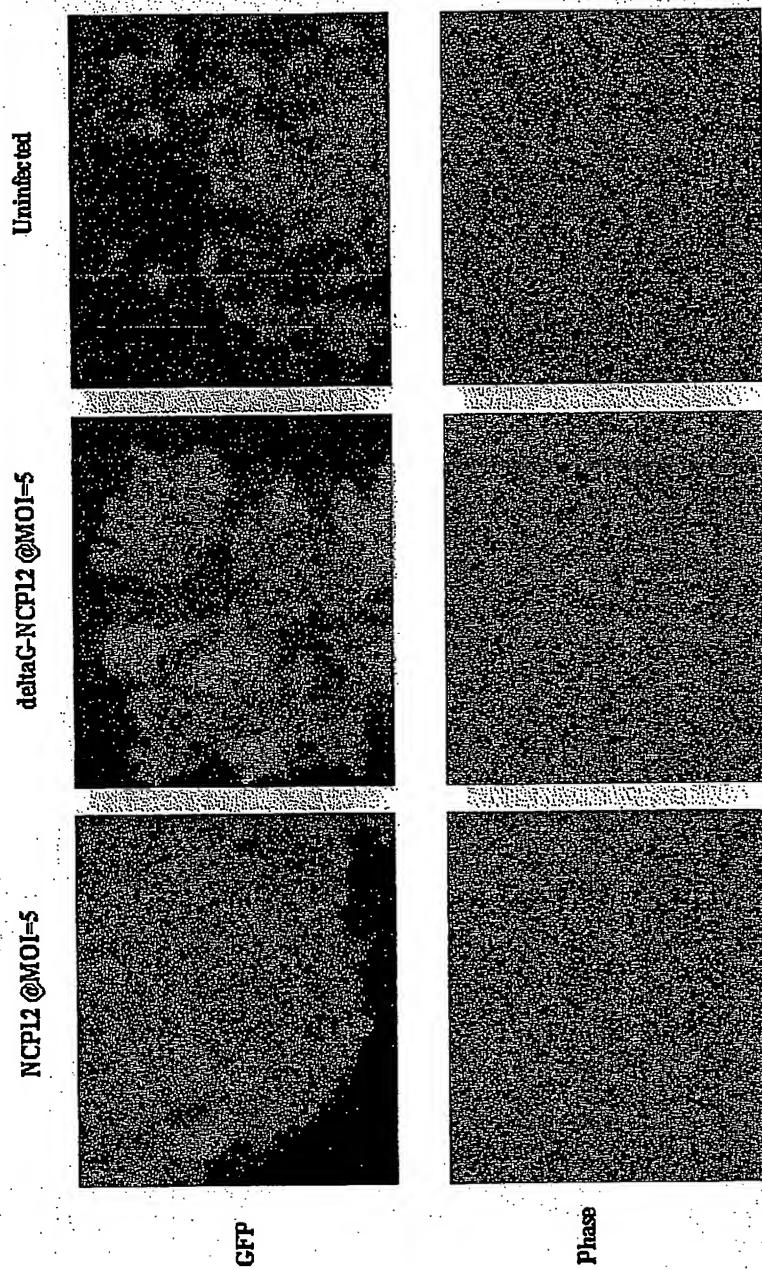


Figure 10

Sample #163, 3 Days Post-infection

Infection of islet Prep#163 at day 3 post infection

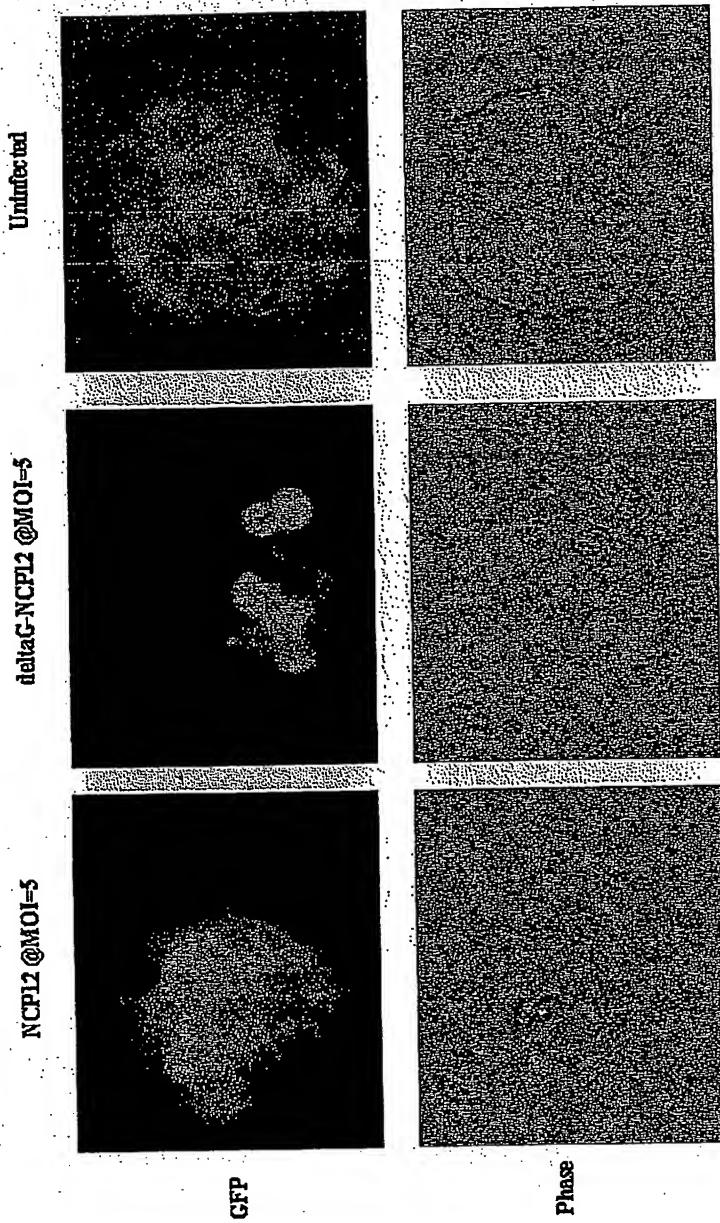


Figure 11

Sample #176, 3 Days Post-infection

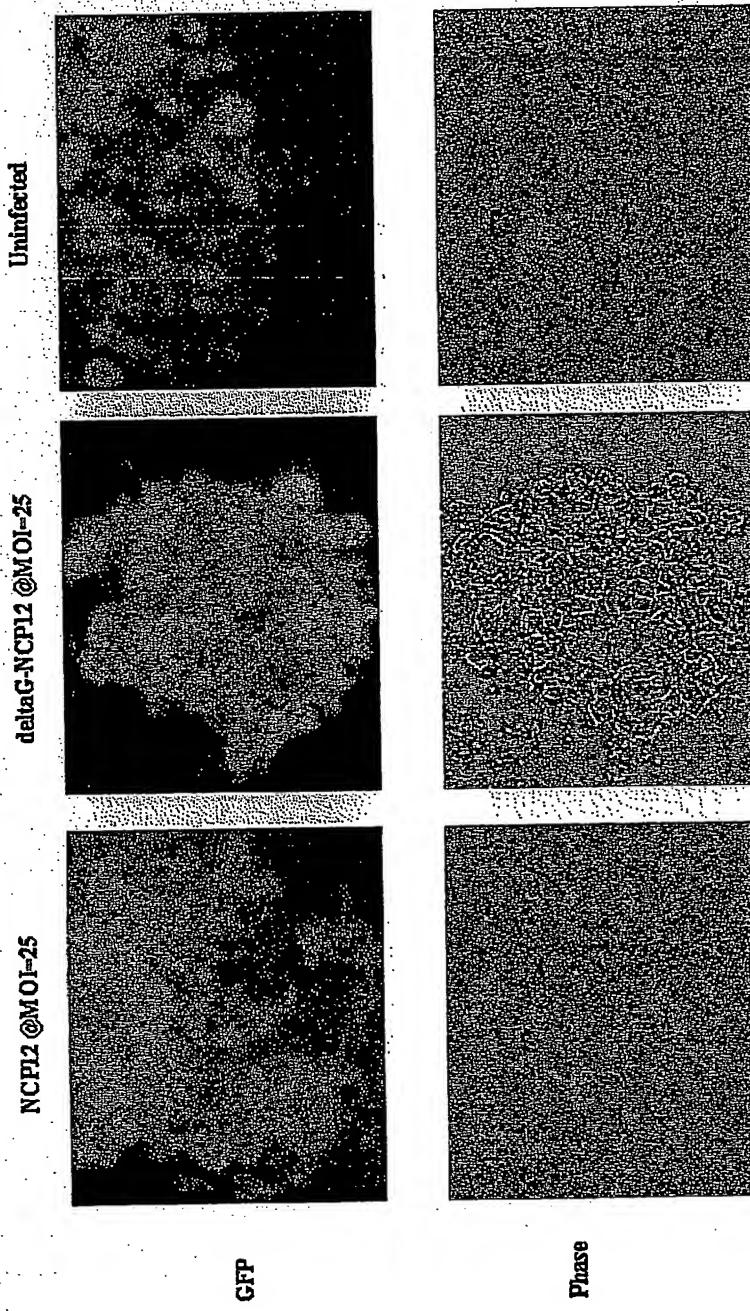


Figure 12

Sample #163, 3 Days Post-infection

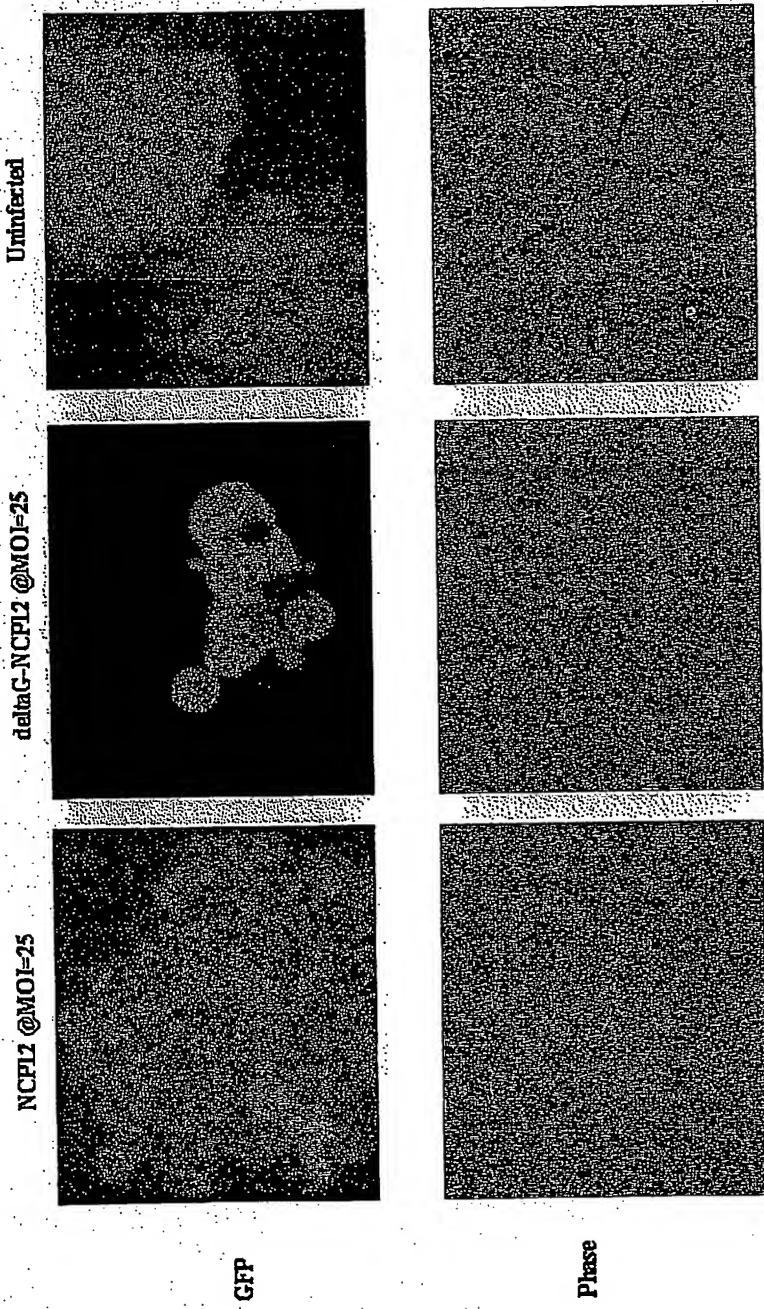


Figure 13

Sample #176, 8 Days Post-infection

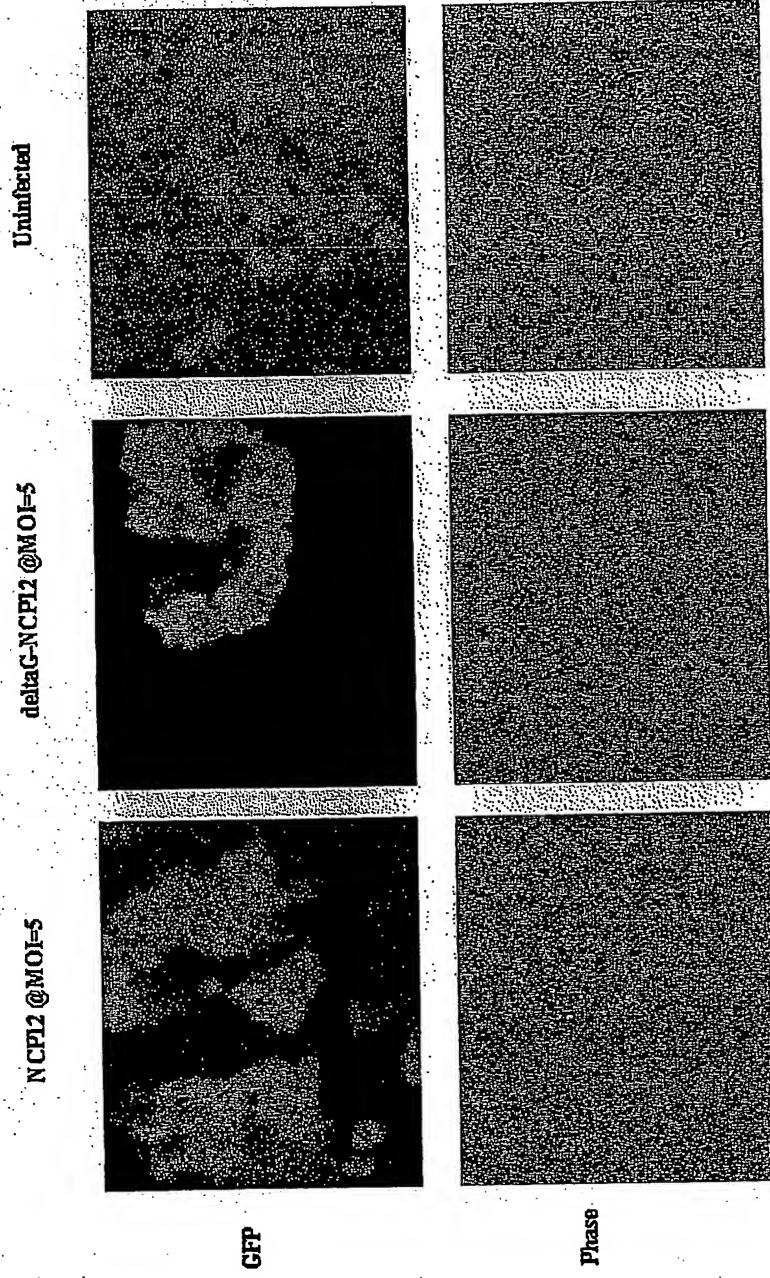


Figure 14

Sample #176, 8 Days Post-infection

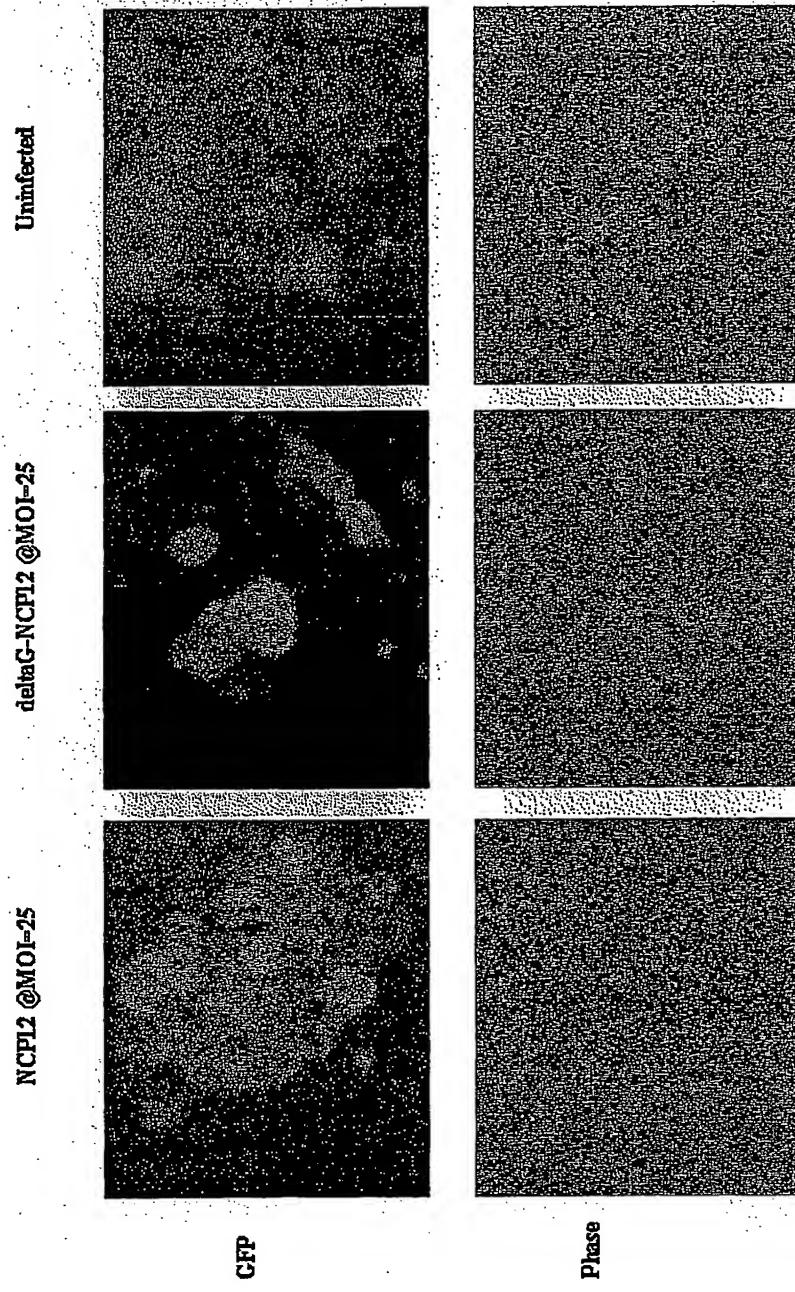


Figure 15

Sample #163, 8 Days Post-infection

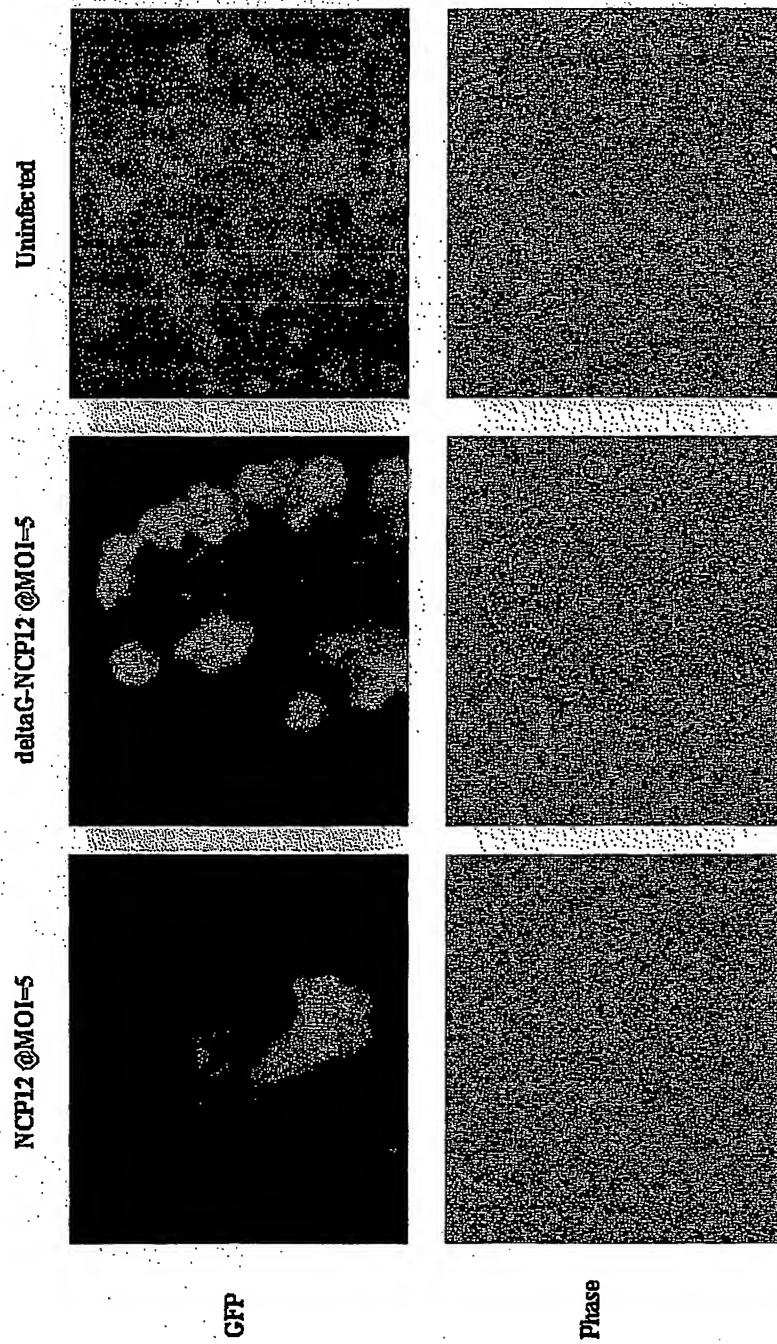


Figure 16

Sample #163, 8 Days Post-infection

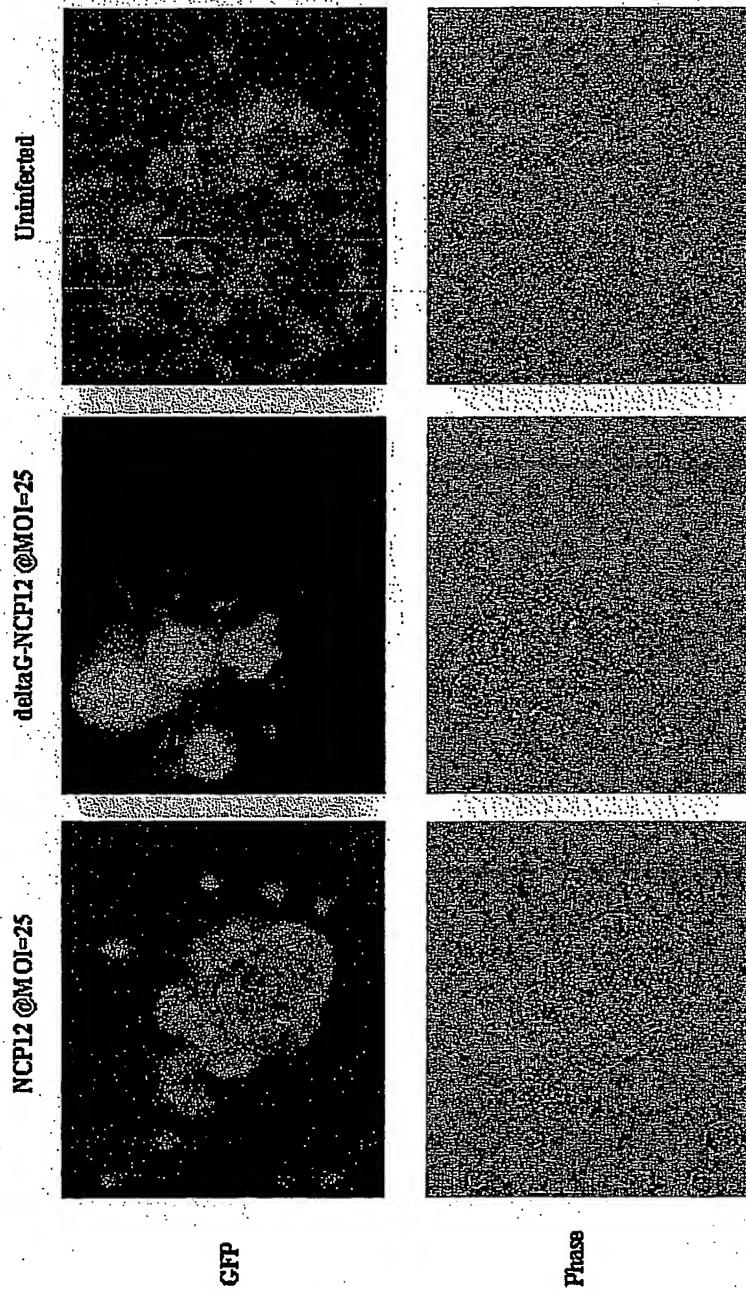


Figure 17

Sample #176, 3 Days Post-infection

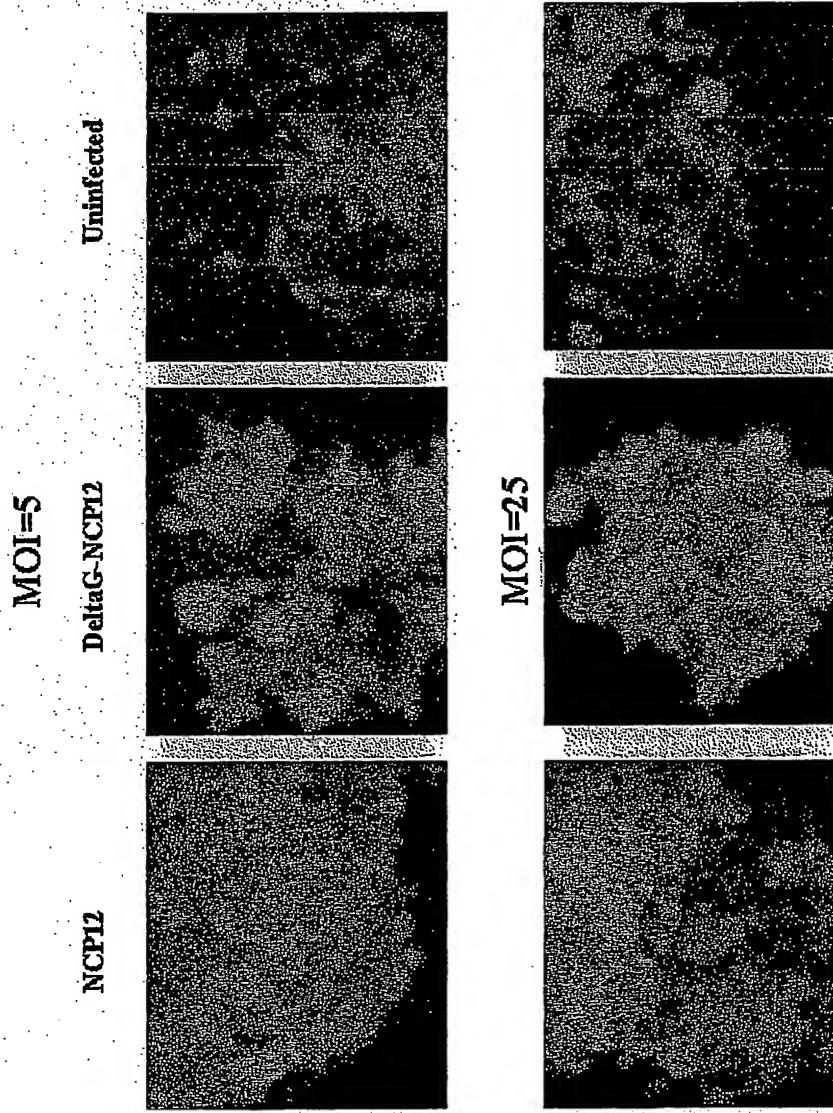


Figure 18

Sample #176, 8 Days Post-infection

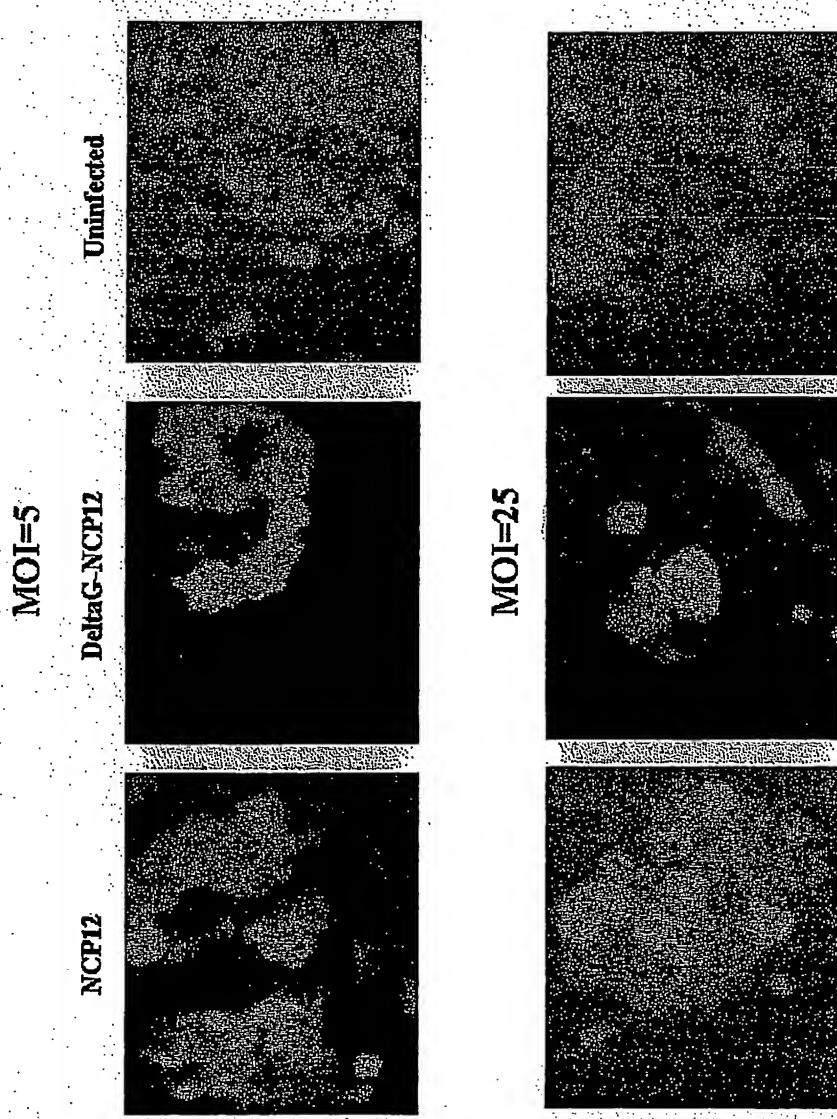


Figure 19

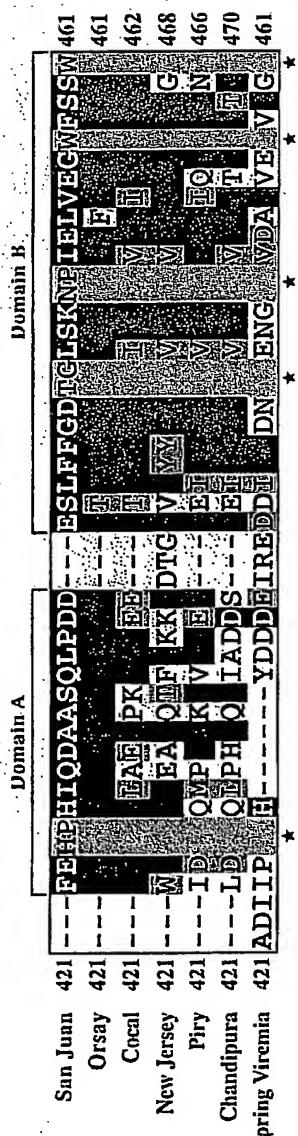


FIGURE 10

Ectodomain

GS TM TAIL

[421] FEHPHIQDAASQLPDES~~LFFGDTGLSKNPIELVEGWFSWK~~ [462]

A		E452A(E-A)
D		G456D(G-D)
A		W457A(W1A)
A		F458A(F-A)
	A	W461A(W2A)
A	A	W457A,W461A(WW-AA)
DA		G456D,W457A(DA)
AA	A	W457A,F458A,W461A(AAA)
DA	A	G456D,W457A,W461A(DAA)

TM TAIL

Grev11

Grev11-AA

ΔF440-N449

GΔ13

G(AXB)

GΔ9

SPNKGGCTTS

G10DAF

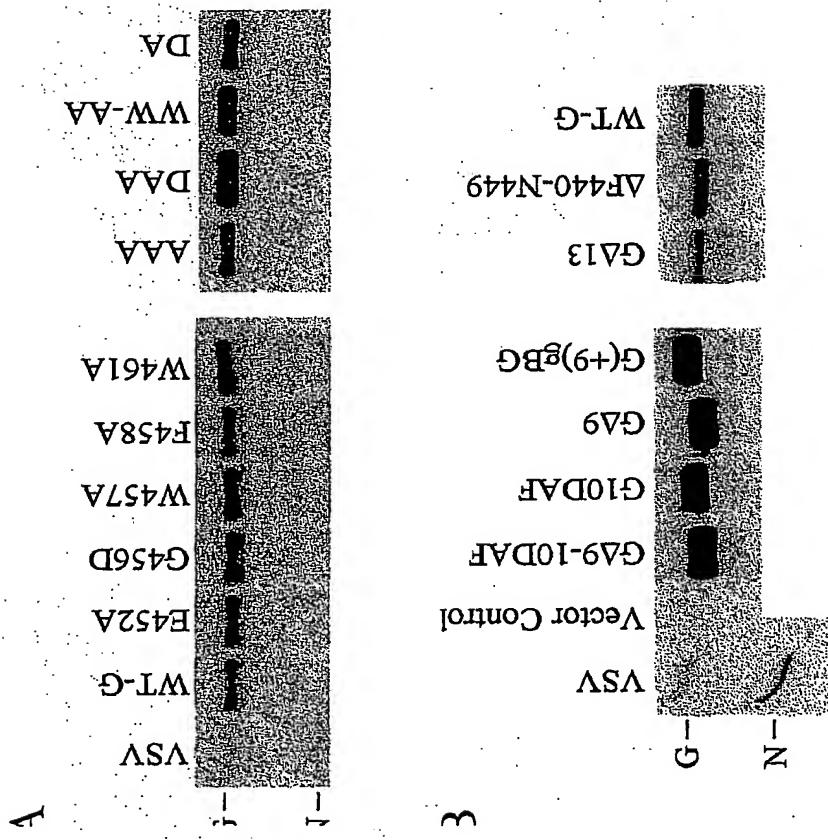
STVIIIAADNP

GΔ9-10DAF

G(+9)gBG

FIGURE 21

FIGURE 22



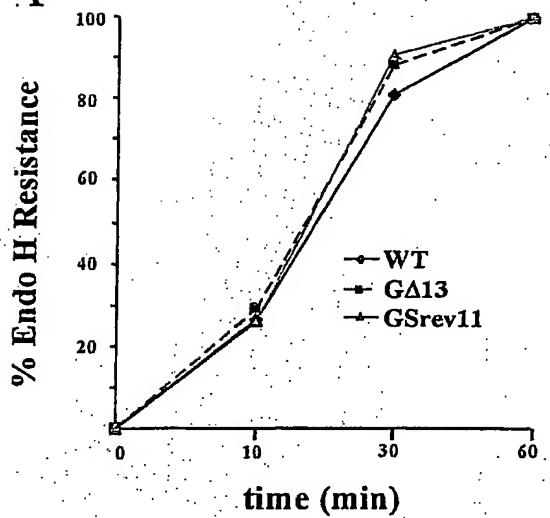
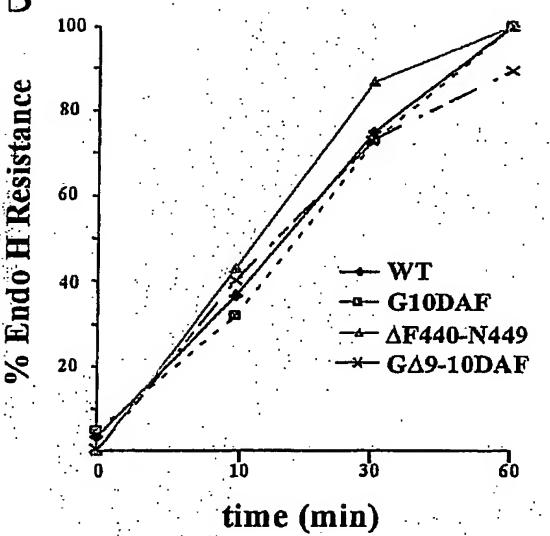
A**B**

FIGURE 23

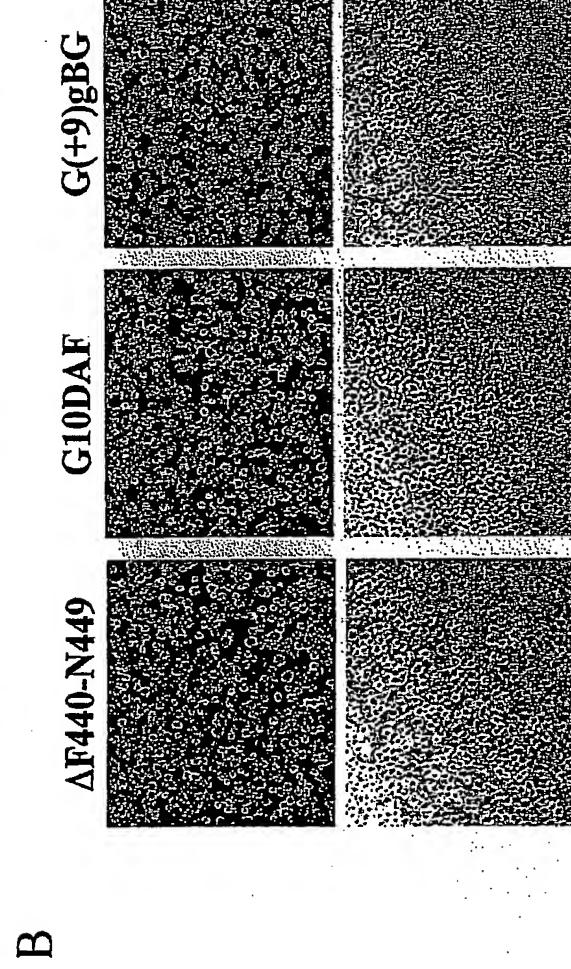
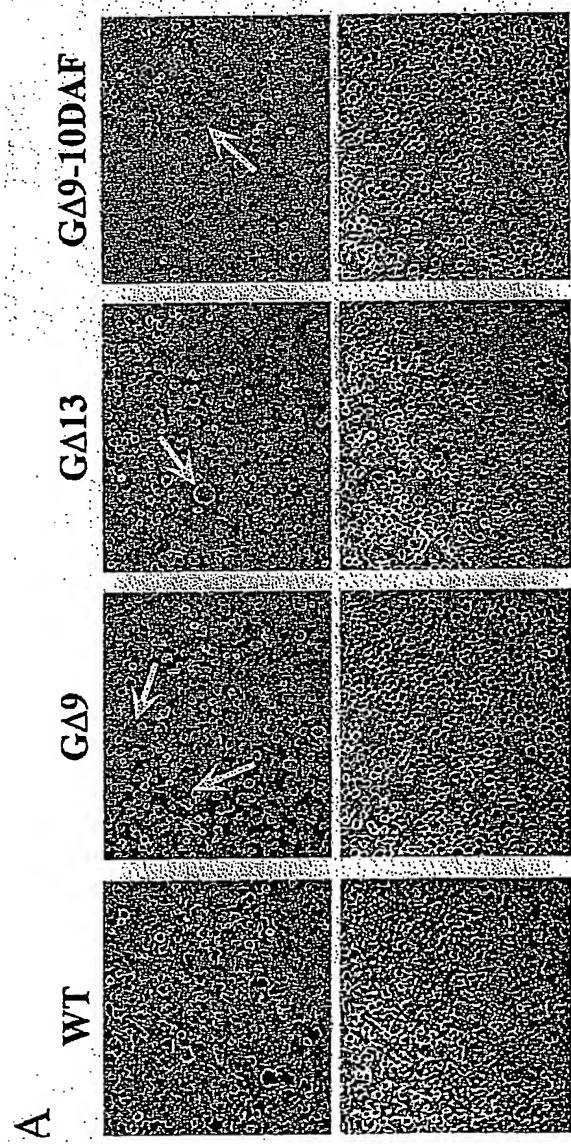


figure 24

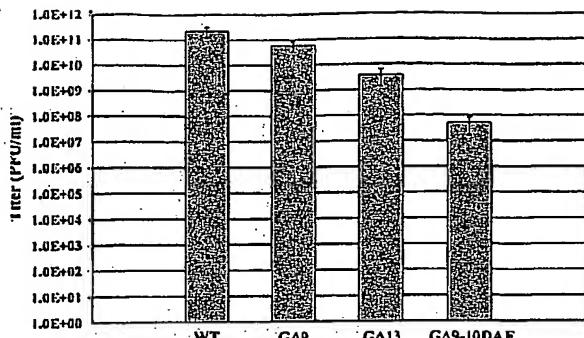


FIGURE 25

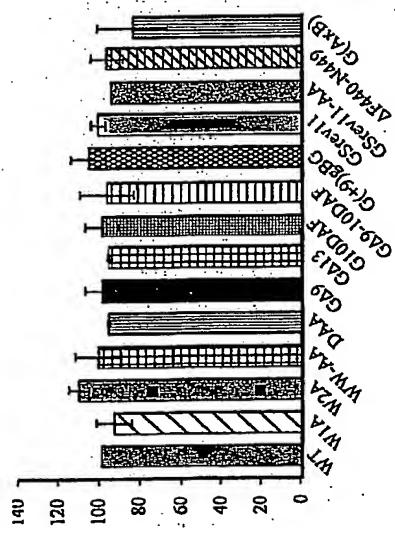
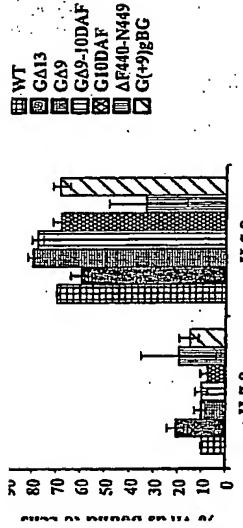


Figure 26



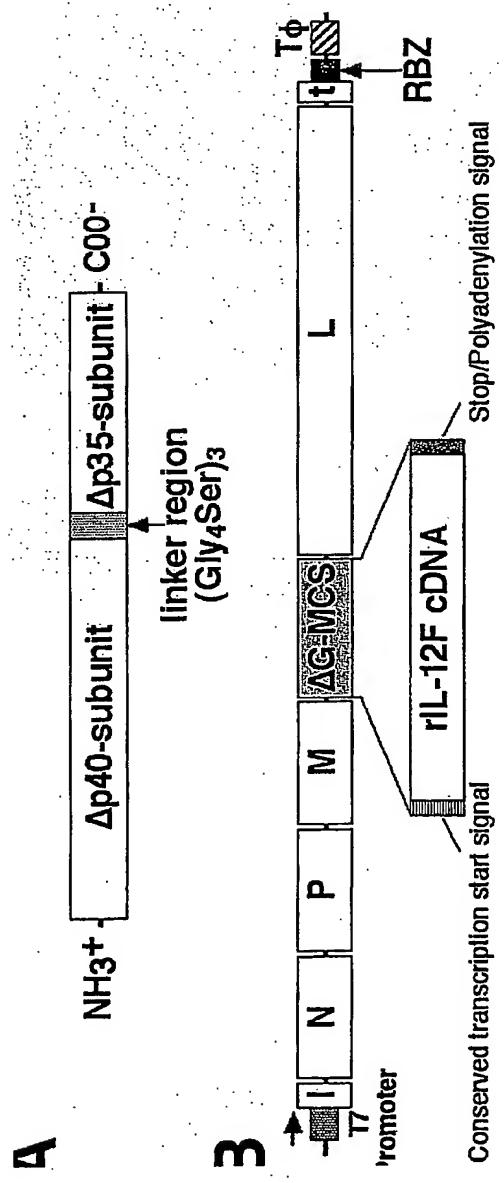


Figure 28

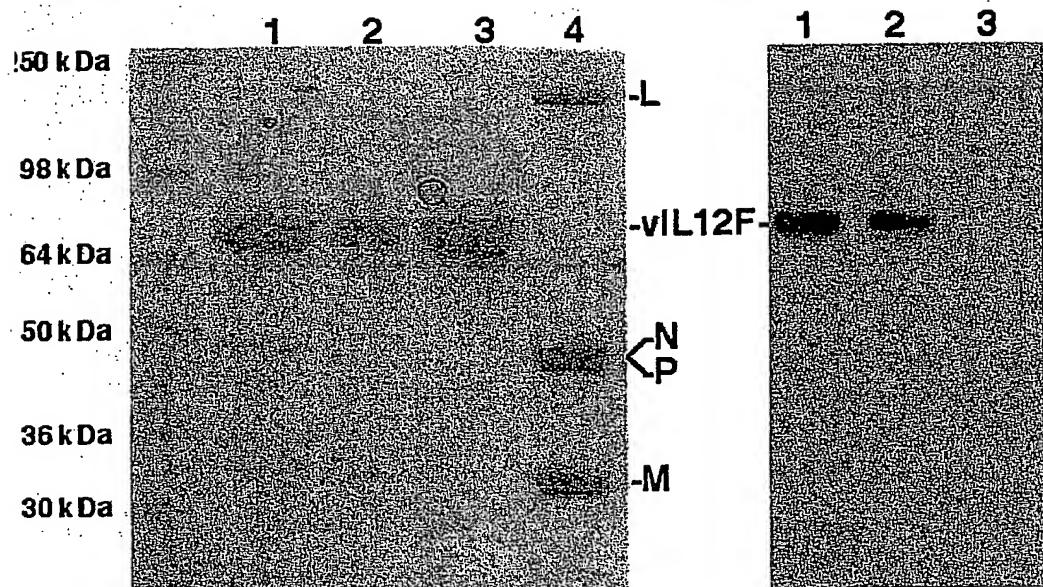
A**B**

FIGURE 29

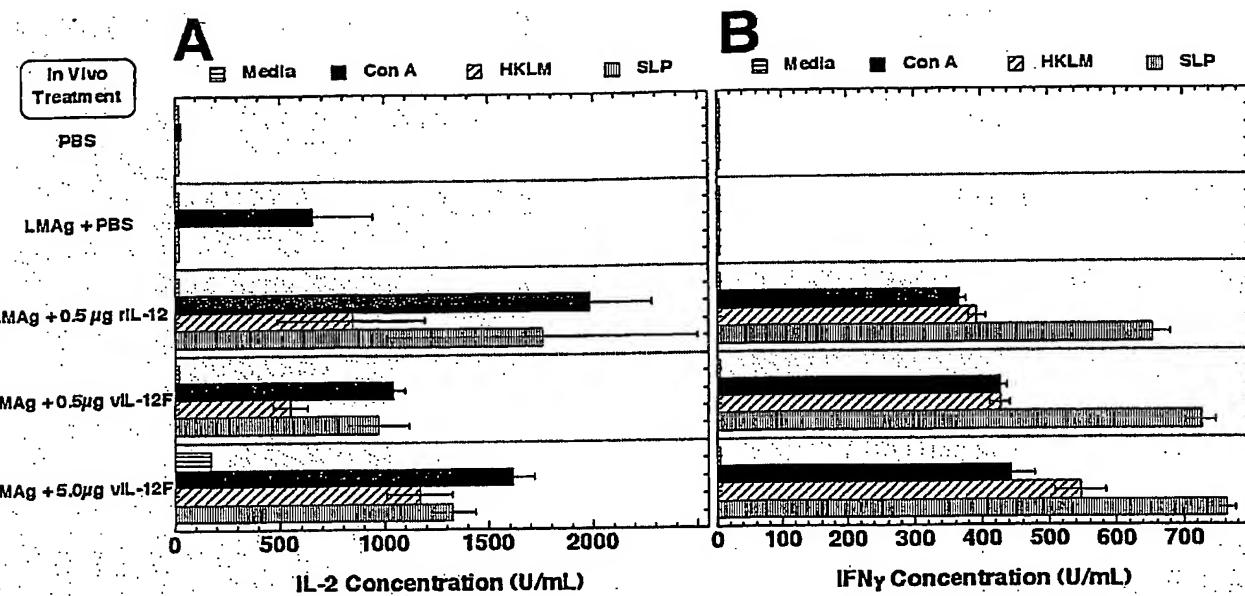


FIGURE 30

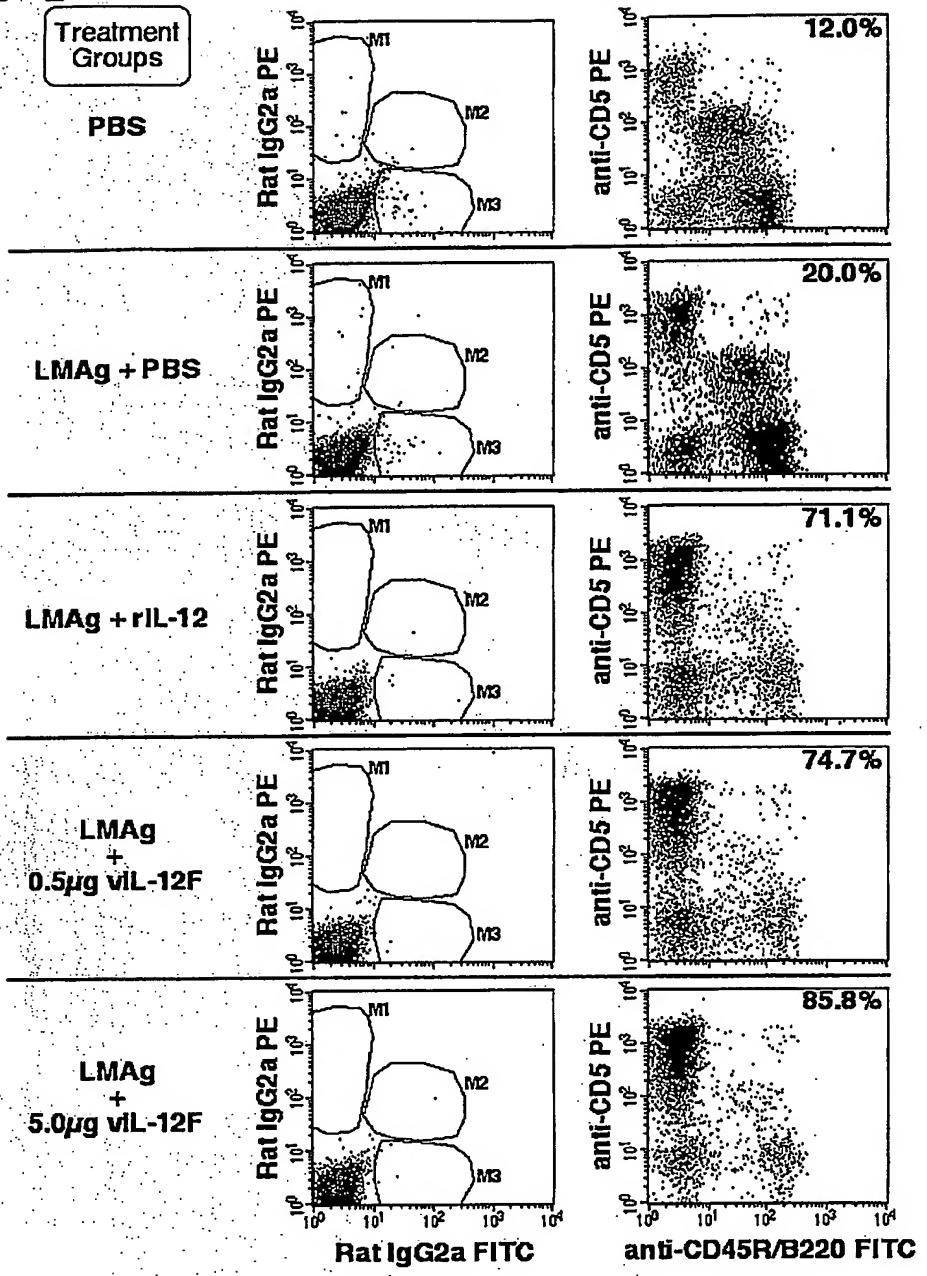
A

FIGURE 3a

3

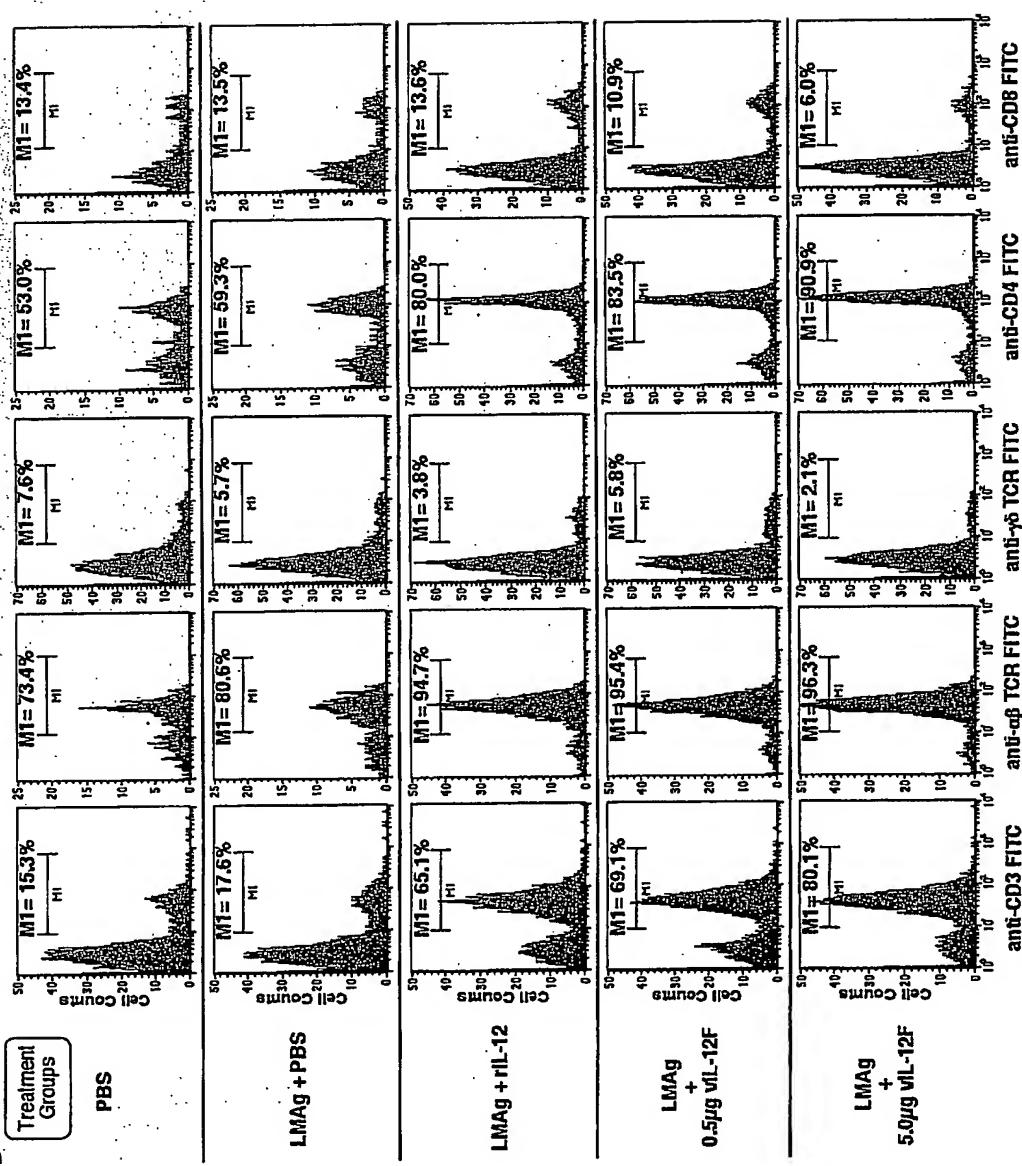


FIGURE 31 b

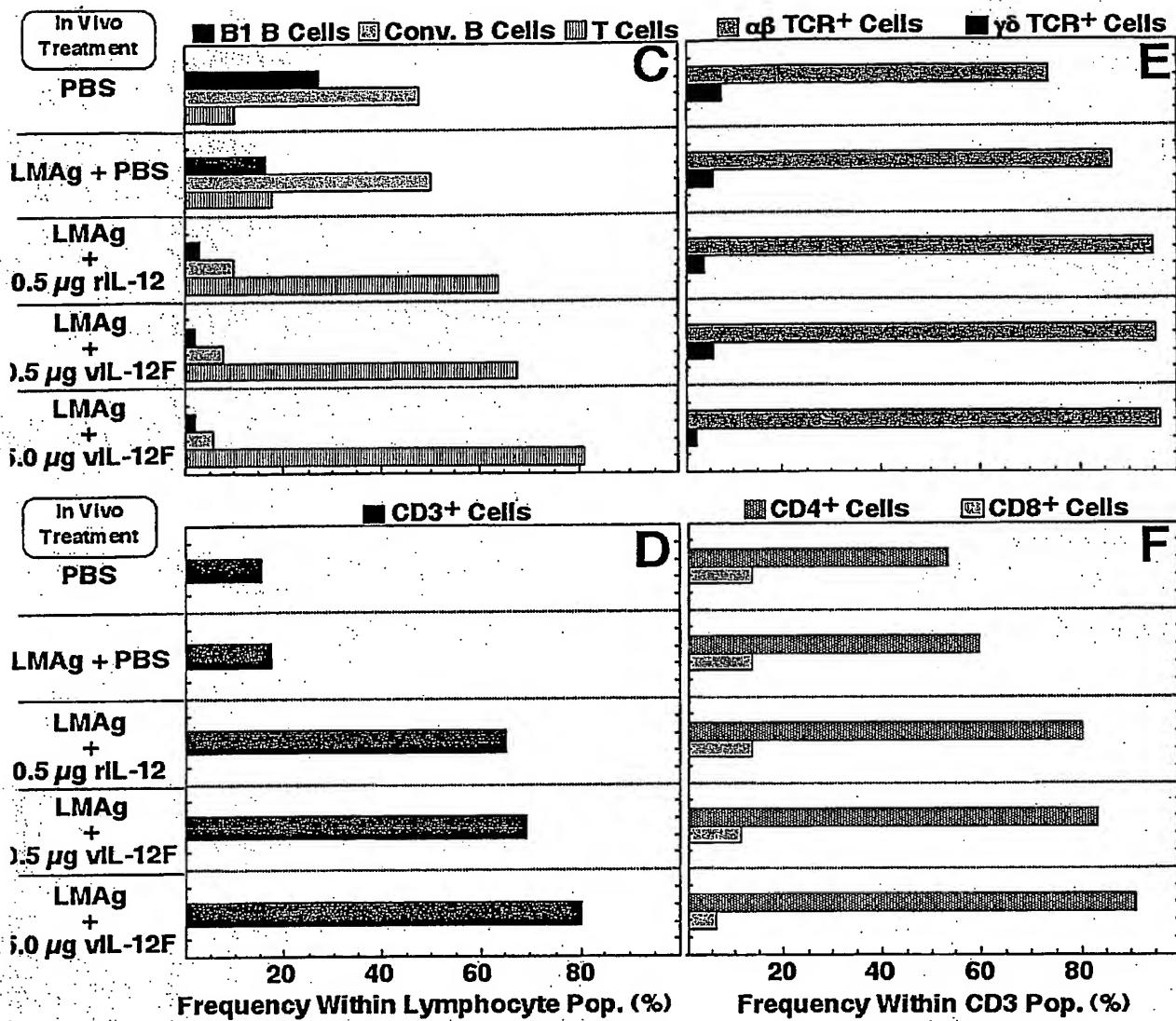


FIGURE 31C

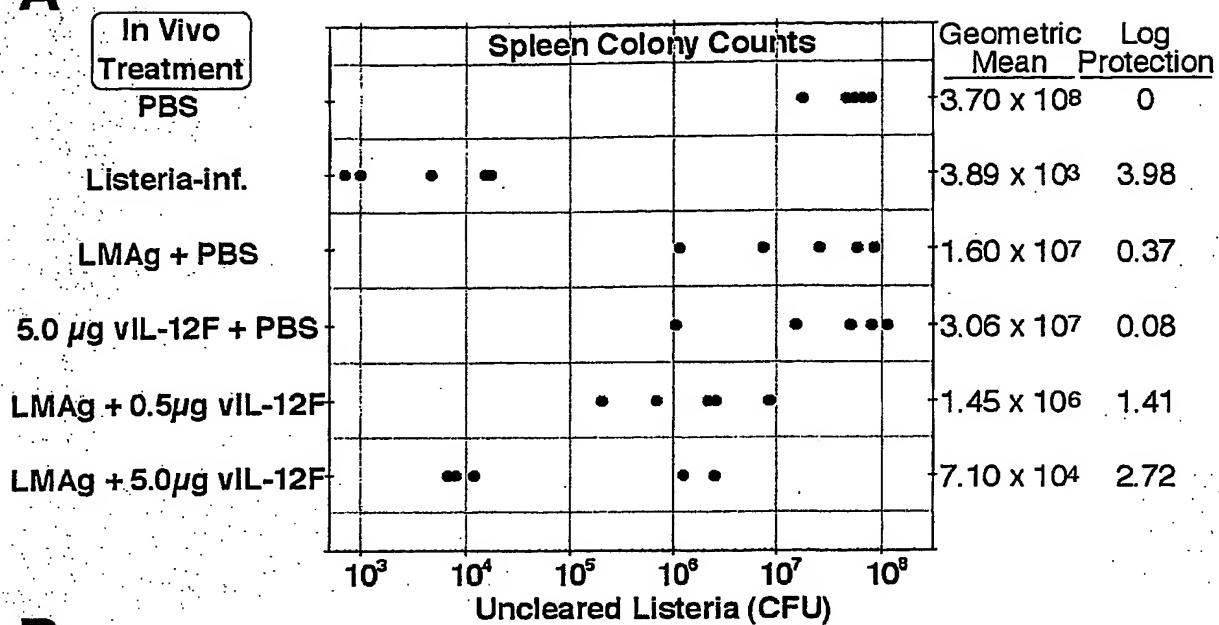
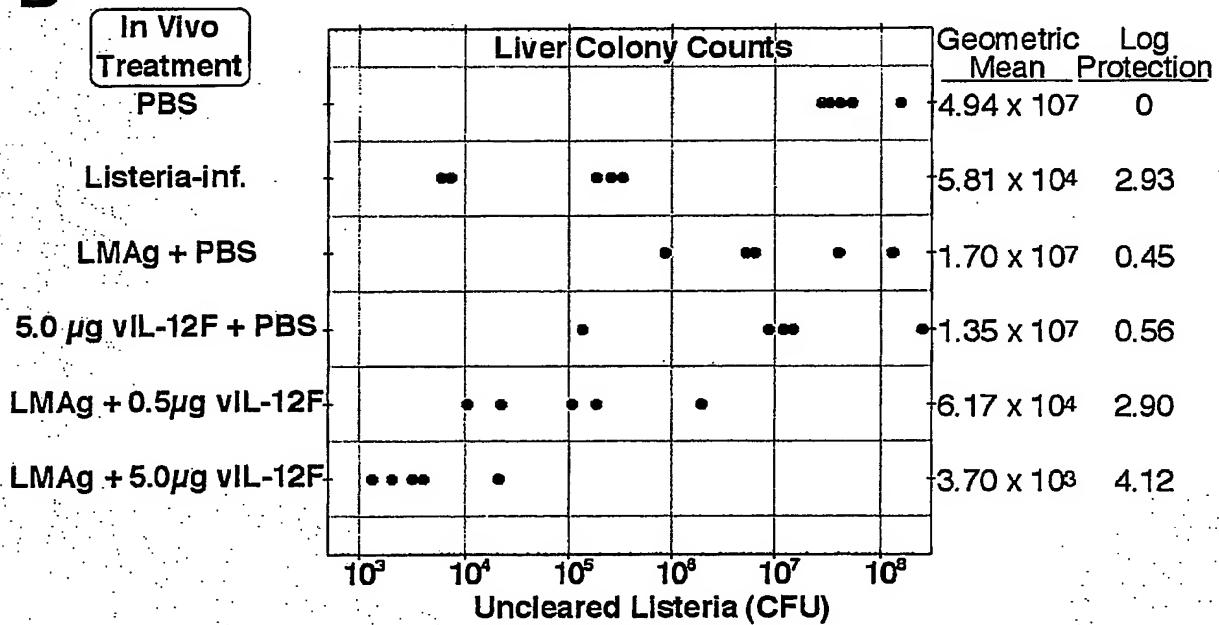
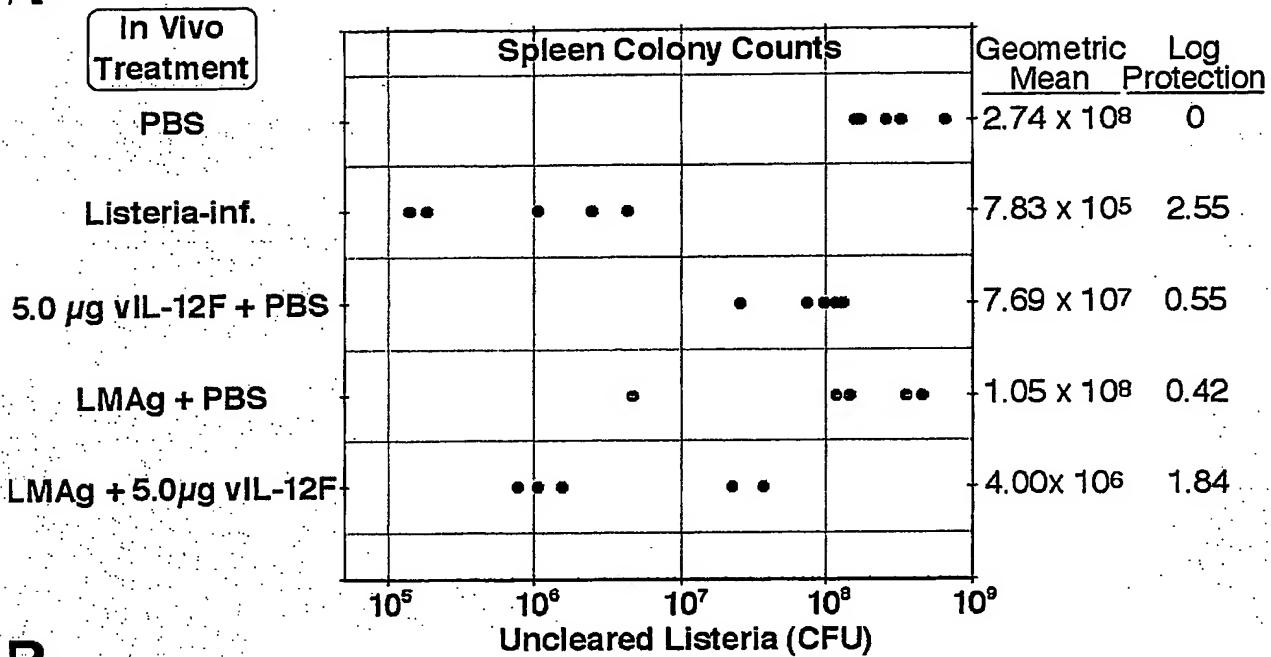
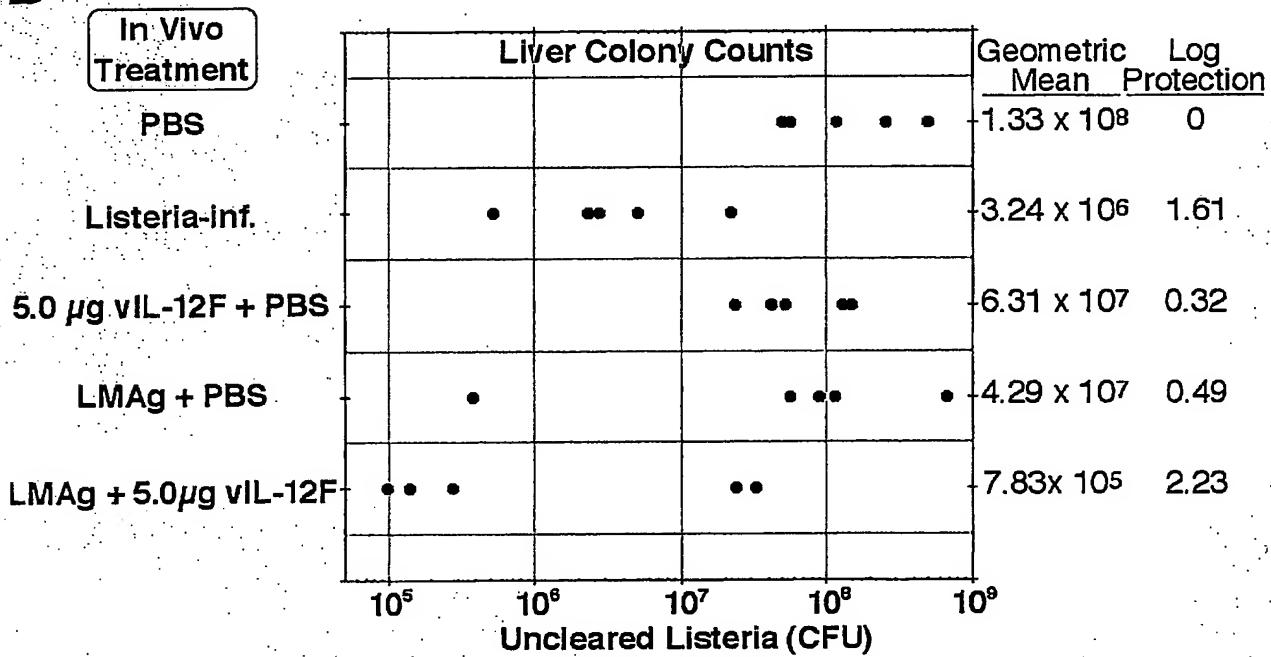
A**B**

FIGURE 32

A**B****FIGURE 33**

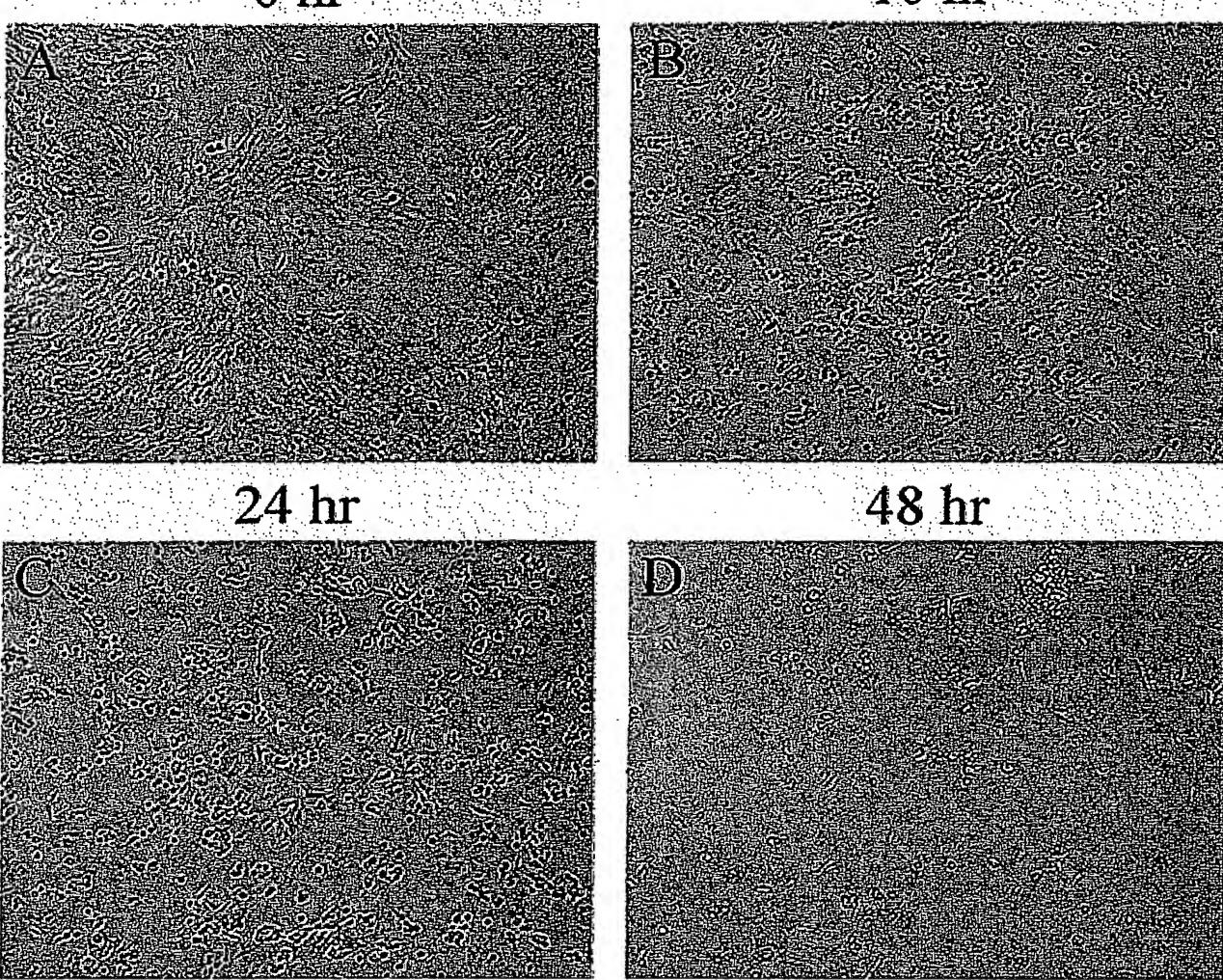


Figure 34

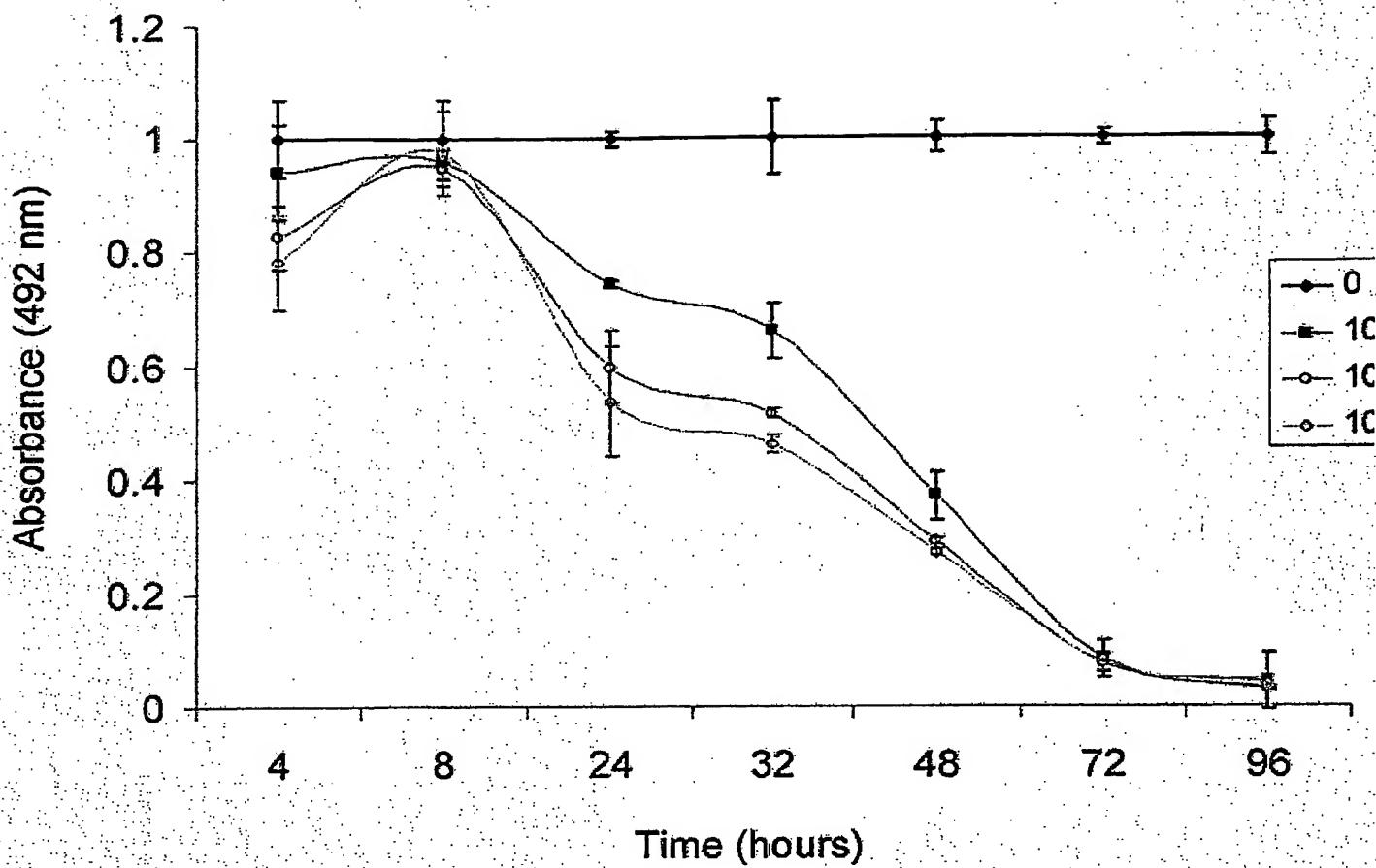
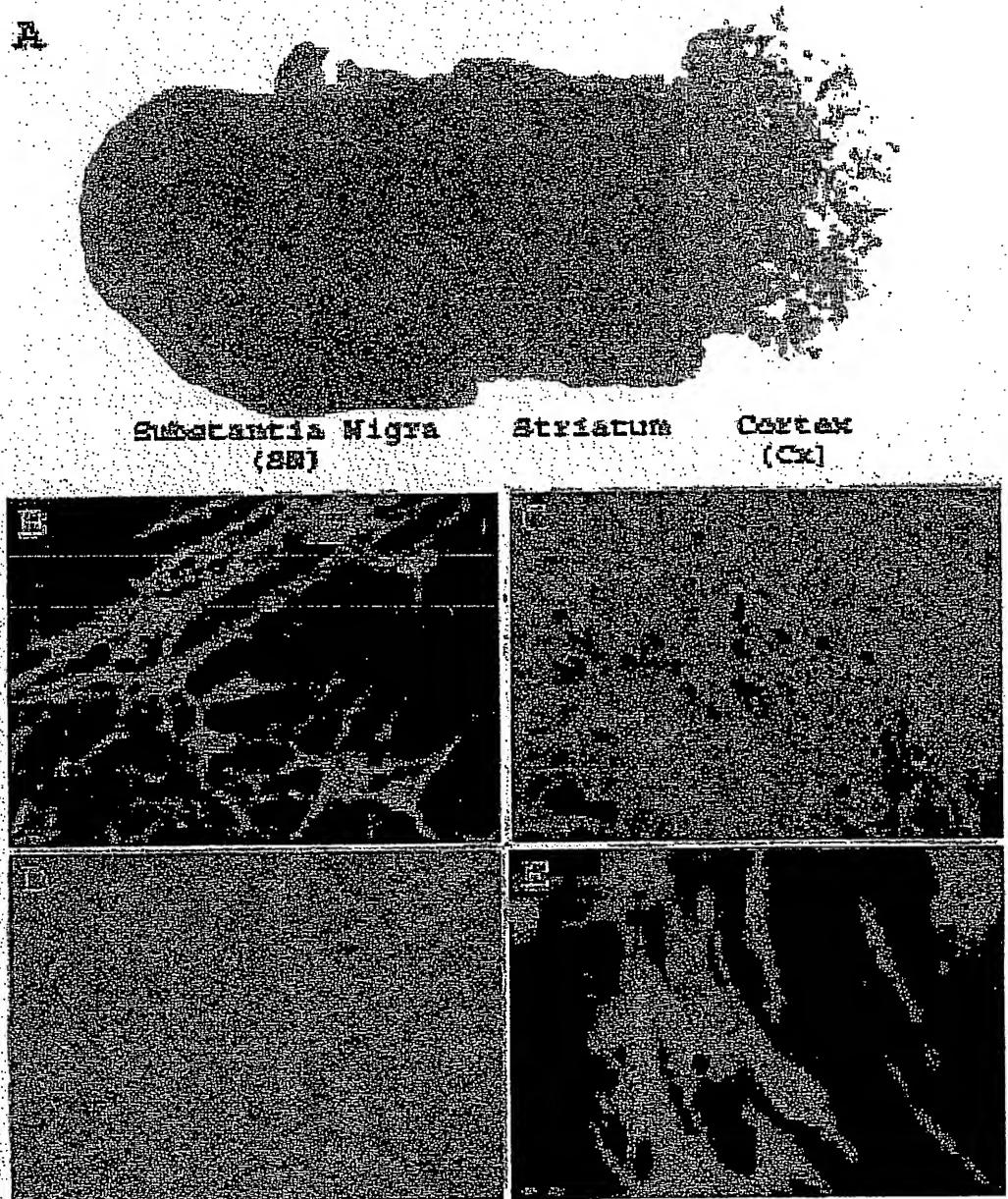


Figure 35



Striatum

Cortex
(Cx)

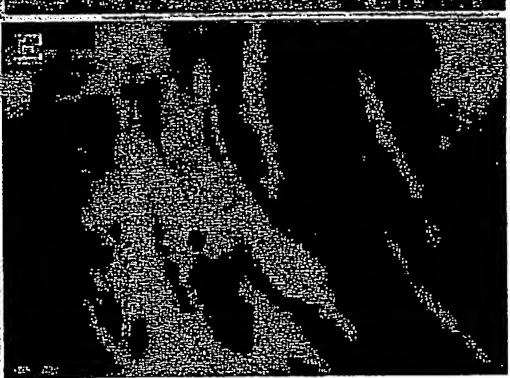
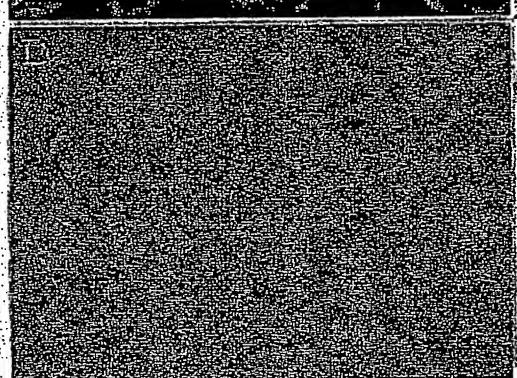


Figure 36

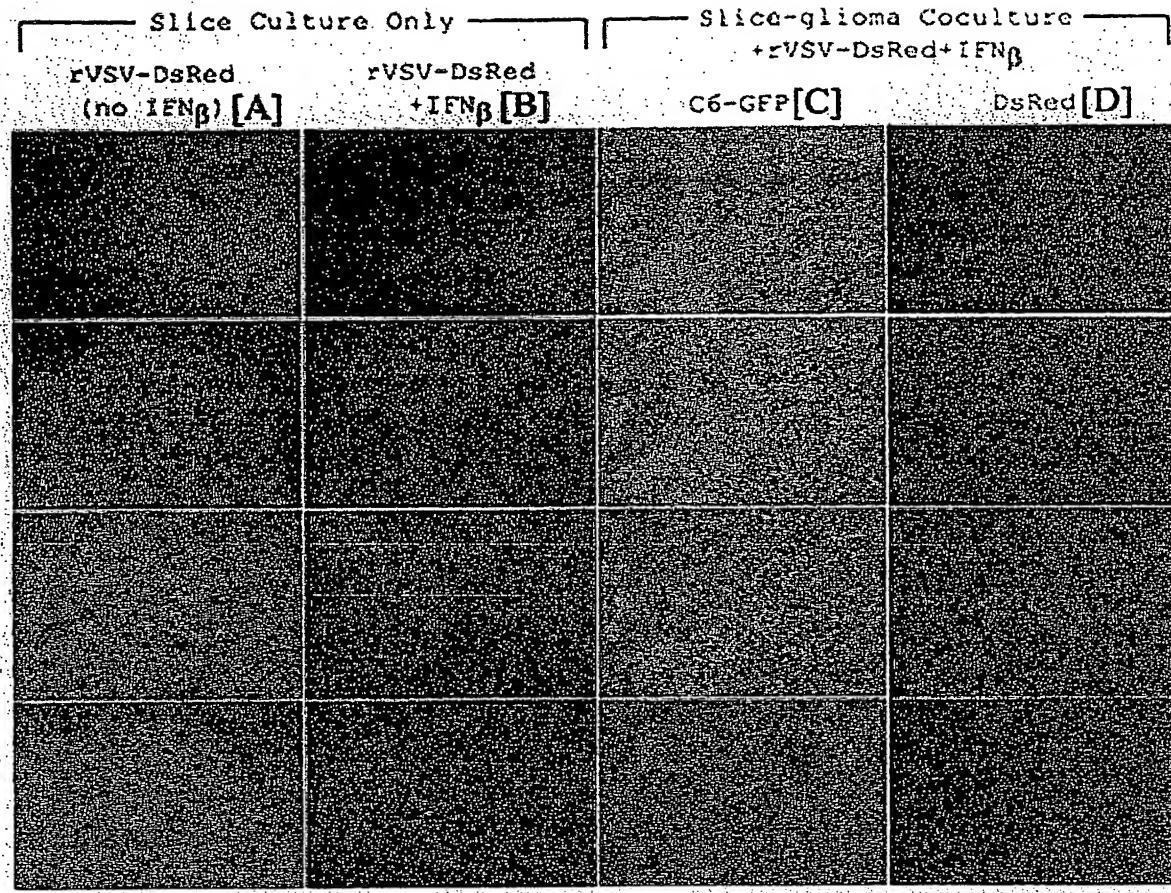
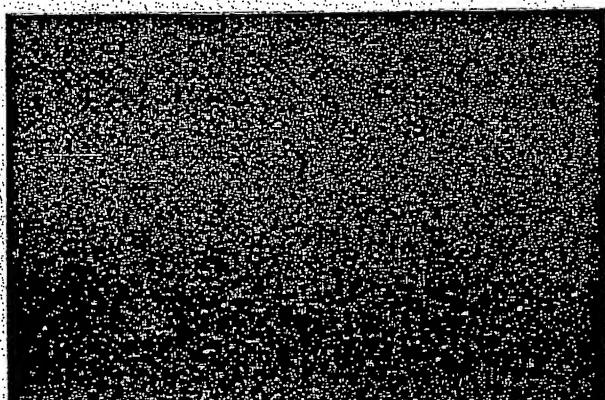
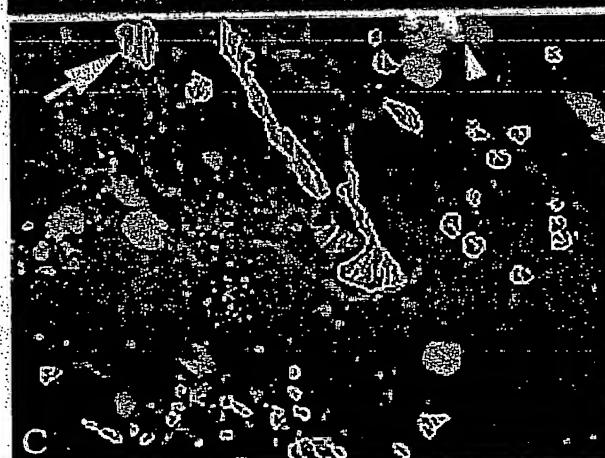


Figure 37

VSV-wt w/ no IFN



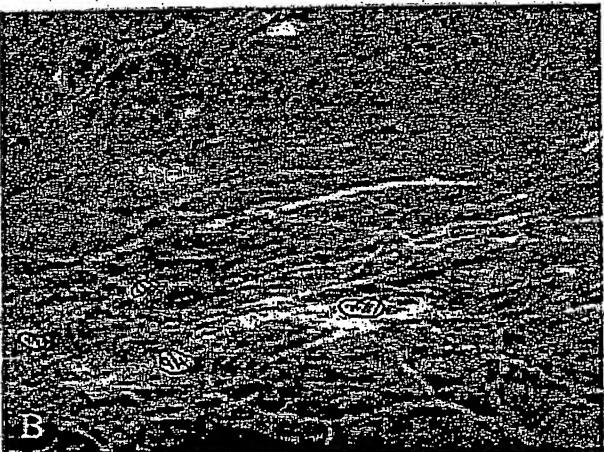
A



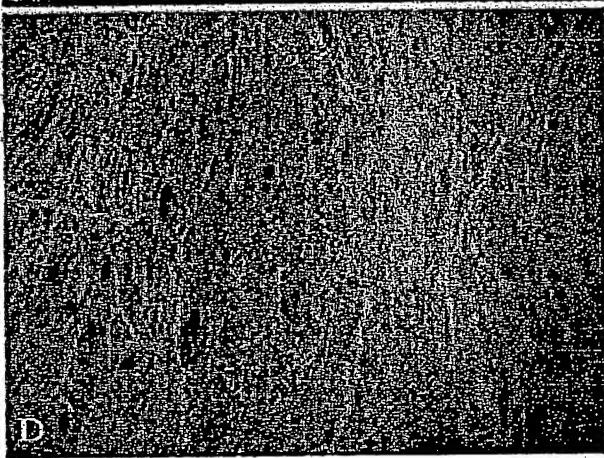
C

VSV-wt w/ 1,000u IFN on C6 co-cx

VSV-wt w/ 1,000u IFN



B



D

normal slice w/ IFN only

Figure 38

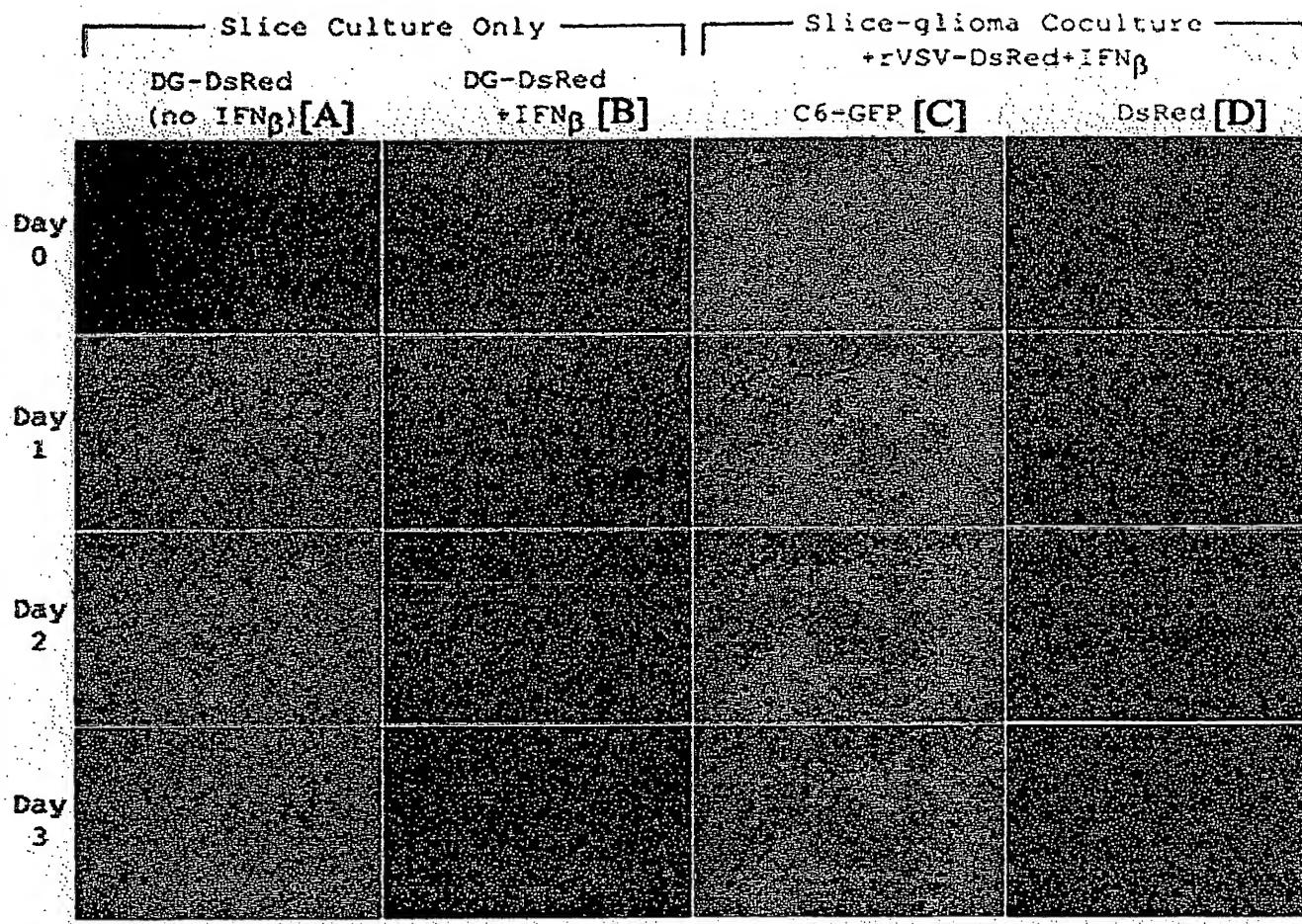


Figure 39

MAP2 Immunohistochemistry

DG-DsRed
(no IFN β)

DG-DsRed
+IFN β

DG-DsRed
+IFN β

Slice Culture
Only

Slice-glioma
coculture

Figure 40

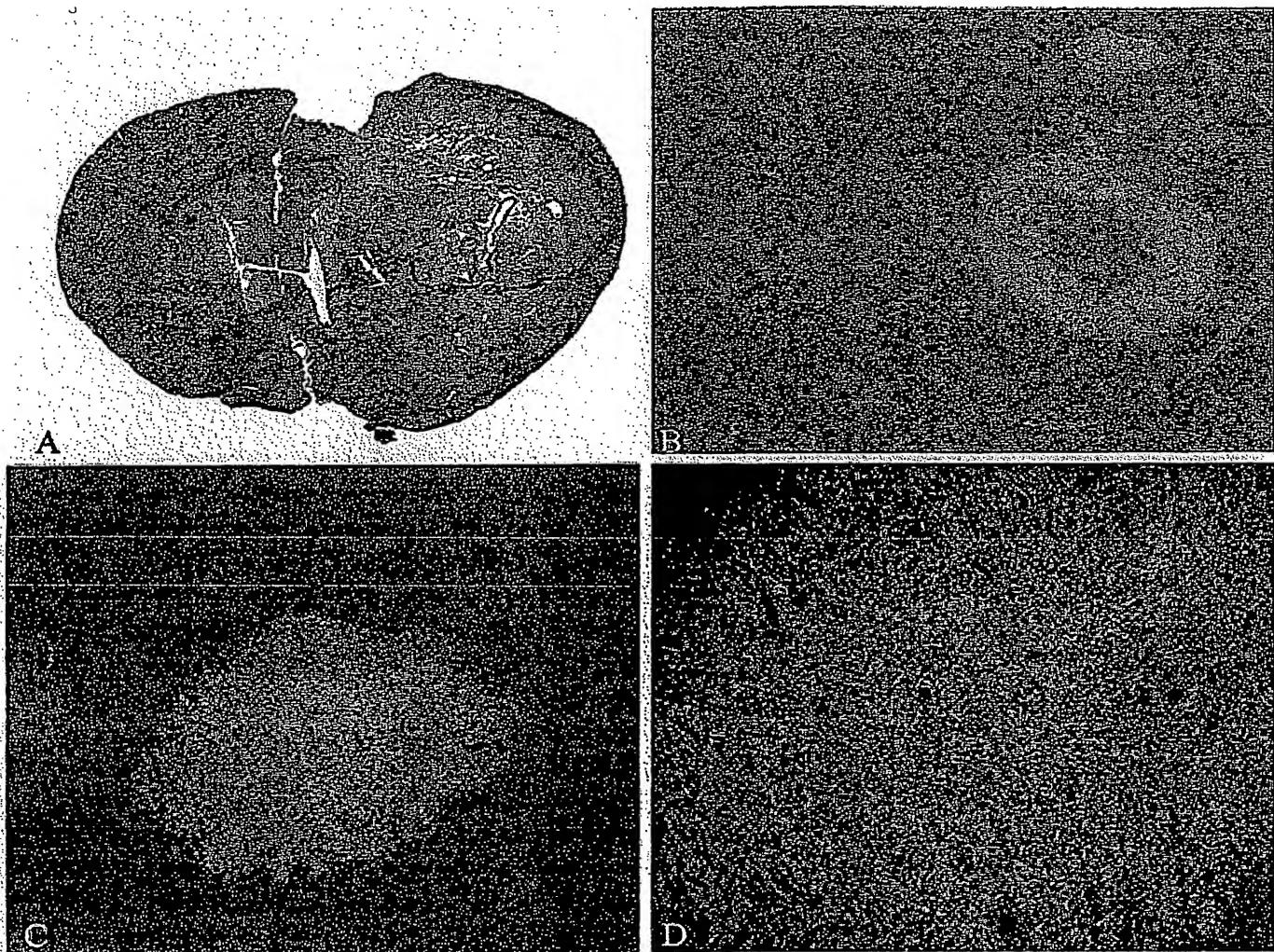
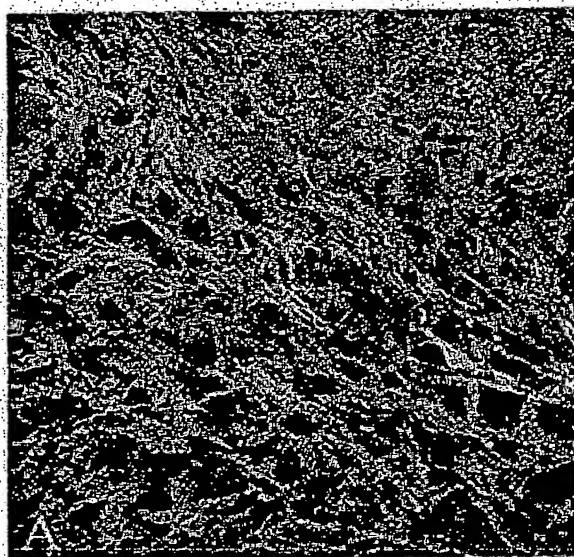
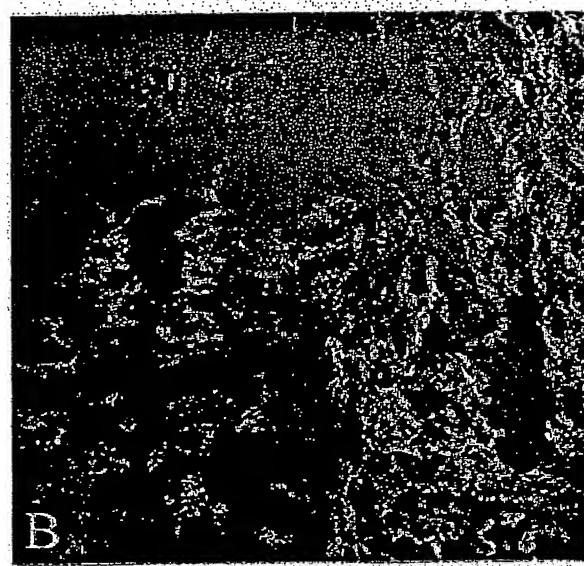


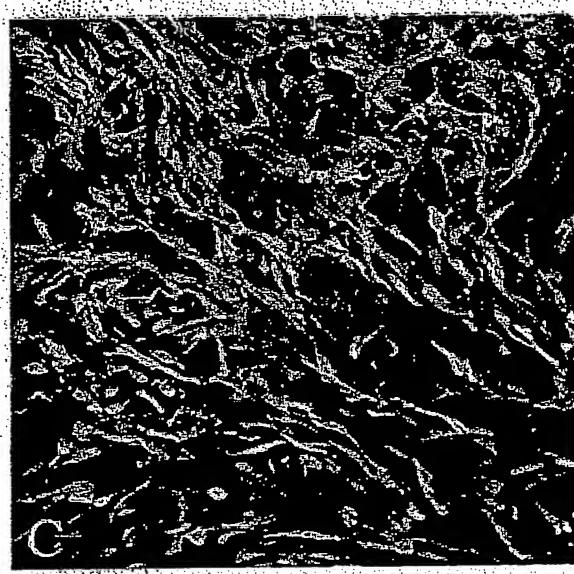
Figure 41



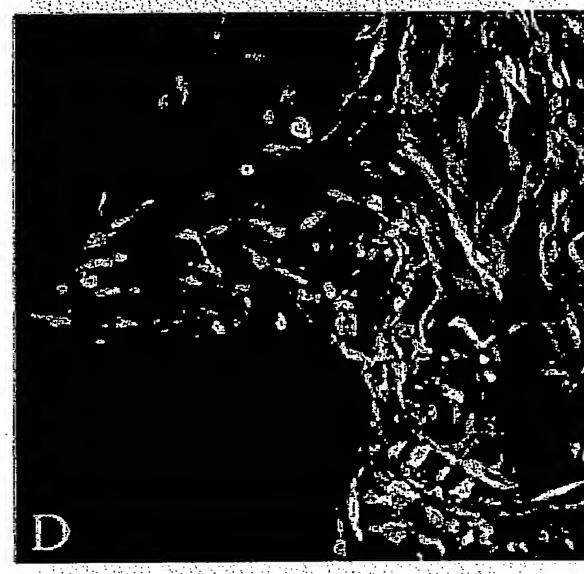
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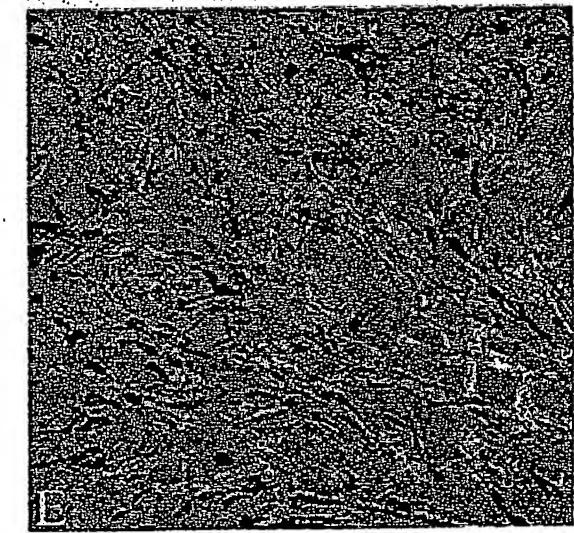
B



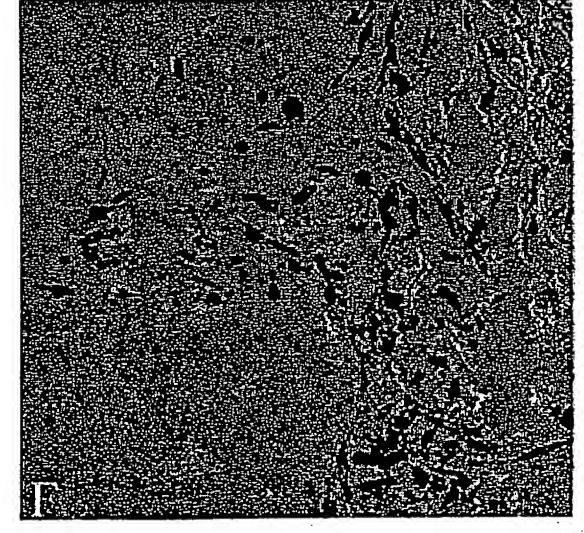
C



D



E



F

Figure 42

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